

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
 Data File : VW032206.D
 Acq On : 19 Sep 2025 10:35
 Operator : SY/MD
 Sample : VW0919SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 19 23:04:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.959	168	187746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	322734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	298059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	153629	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	142032	52.898	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 105.800%	
35) Dibromofluoromethane	7.898	113	119700	52.865	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 105.720%	
50) Toluene-d8	10.324	98	418526	52.653	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 105.300%	
62) 4-Bromofluorobenzene	12.617	95	147752	50.268	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 100.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.045	85	28056	22.634	ug/l	94
3) Chloromethane	2.253	50	32451	24.969	ug/l	96
4) Vinyl Chloride	2.405	62	44166	26.164	ug/l	96
5) Bromomethane	2.820	94	37977	25.194	ug/l	98
6) Chloroethane	2.966	64	30681	25.809	ug/l	100
7) Trichlorofluoromethane	3.301	101	33421	19.982	ug/l	96
8) Diethyl Ether	3.722	74	26964	21.603	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	47196	25.049	ug/l	96
10) Methyl Iodide	4.307	142	56933	19.845	ug/l	97
11) Tert butyl alcohol	5.216	59	15410	93.829	ug/l	99
12) 1,1-Dichloroethene	4.069	96	48874	24.631	ug/l	100
13) Acrolein	3.923	56	13925	55.158	ug/l	94
14) Allyl chloride	4.697	41	56266	19.963	ug/l	97
15) Acrylonitrile	5.405	53	61681	101.644	ug/l	98
16) Acetone	4.155	43	94076	161.783	ug/l	99
17) Carbon Disulfide	4.423	76	101681	20.489	ug/l #	94
18) Methyl Acetate	4.710	43	34968	18.874	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	76866	20.514	ug/l	98
20) Methylene Chloride	4.947	84	56161	20.999	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	46378	20.923	ug/l	89
22) Diisopropyl ether	6.337	45	131943	21.509	ug/l	95
23) Vinyl Acetate	6.283	43	444822	106.654	ug/l	99
24) 1,1-Dichloroethane	6.240	63	85479	21.285	ug/l	99
25) 2-Butanone	7.191	43	92645	112.433	ug/l	97
26) 2,2-Dichloropropane	7.185	77	46188	21.718	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	54391	20.165	ug/l	97
28) Bromochloromethane	7.526	49	41461	22.553	ug/l	94
29) Tetrahydrofuran	7.551	42	52403	100.078	ug/l	99
30) Chloroform	7.691	83	98045	21.383	ug/l	97
31) Cyclohexane	7.965	56	70073	21.259	ug/l #	93
32) 1,1,1-Trichloroethane	7.886	97	70956	21.199	ug/l	96
36) 1,1-Dichloropropene	8.093	75	62591	21.320	ug/l	98
37) Ethyl Acetate	7.270	43	36979	20.997	ug/l	98
38) Carbon Tetrachloride	8.081	117	67727	21.520	ug/l	98
39) Methylcyclohexane	9.343	83	71546	20.575	ug/l	97
40) Benzene	8.331	78	194195	21.399	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	18738	19.150	ug/l	96
42) 1,2-Dichloroethane	8.410	62	67886	21.579	ug/l	100
43) Isopropyl Acetate	8.435	43	66517	20.132	ug/l	98
44) Trichloroethene	9.099	130	47043	20.613	ug/l	93
45) 1,2-Dichloropropane	9.373	63	47229	21.589	ug/l	94
46) Dibromomethane	9.465	93	32257	21.023	ug/l	97
47) Bromodichloromethane	9.654	83	73843	21.177	ug/l	93
48) Methyl methacrylate	9.440	41	30695	20.159	ug/l	96
49) 1,4-Dioxane	9.465	88	7558	407.680	ug/l #	87
51) 4-Methyl-2-Pentanone	10.215	43	195163	104.612	ug/l	96
52) Toluene	10.392	92	125837	21.219	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	63806	20.743	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	71794	20.455	ug/l	91
55) 1,1,2-Trichloroethane	10.788	97	42428	21.264	ug/l	92
56) Ethyl methacrylate	10.648	69	50150	19.660	ug/l	98
57) 1,3-Dichloropropane	10.934	76	68568	20.524	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	130841	96.097	ug/l	98
59) 2-Hexanone	10.971	43	143252	110.408	ug/l	97
60) Dibromochloromethane	11.135	129	47396	19.631	ug/l	94
61) 1,2-Dibromoethane	11.233	107	40421	20.600	ug/l	98
64) Tetrachloroethene	10.861	164	39516	20.144	ug/l	96
65) Chlorobenzene	11.660	112	140097	20.650	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.727	131	46396	20.772	ug/l	98
67) Ethyl Benzene	11.733	91	228718	20.576	ug/l	98
68) m/p-Xylenes	11.836	106	182004	42.545	ug/l	99
69) o-Xylene	12.166	106	82211	20.317	ug/l	96
70) Styrene	12.178	104	147821	20.723	ug/l	99
71) Bromoform	12.349	173	26398	19.899	ug/l #	100
73) Isopropylbenzene	12.464	105	209635	20.086	ug/l	98
74) N-amyl acetate	12.269	43	60822	20.072	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	52081	20.997	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	62806	32.632	ug/l	42
77) Bromobenzene	12.745	156	53341	20.041	ug/l	96
78) n-propylbenzene	12.800	91	278005	21.940	ug/l	99
79) 2-Chlorotoluene	12.891	91	162749	21.004	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	186908	21.151	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	14524	20.318	ug/l	94
82) 4-Chlorotoluene	12.983	91	173002	20.858	ug/l	98
83) tert-Butylbenzene	13.202	119	157735	21.052	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	192497	21.056	ug/l	99
85) sec-Butylbenzene	13.379	105	235022	21.009	ug/l	99
86) p-Isopropyltoluene	13.495	119	199965	21.020	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	110262	20.575	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	106729	19.869	ug/l	98
89) n-Butylbenzene	13.818	91	196287	21.642	ug/l	97
90) Hexachloroethane	14.092	117	37657	21.641	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	96628	20.366	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	8655	19.752	ug/l	94
93) 1,2,4-Trichlorobenzene	15.128	180	57948	19.116	ug/l	95
94) Hexachlorobutadiene	15.226	225	28248	18.789	ug/l	96
95) Naphthalene	15.360	128	125776	18.333	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	55062	19.531	ug/l	97

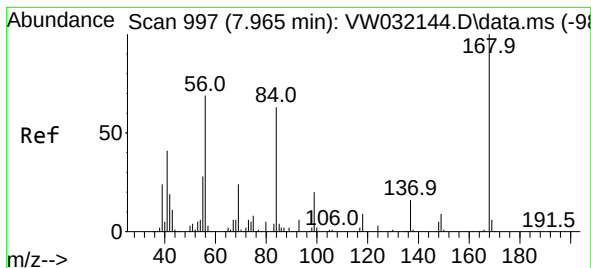
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 99

Delta R.T. -0.006 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

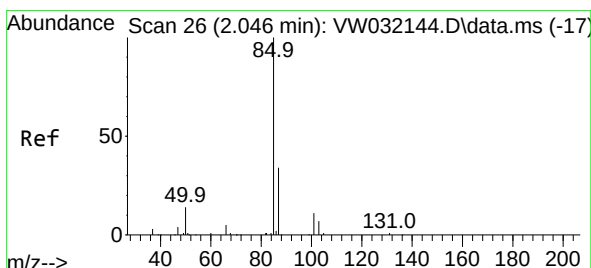
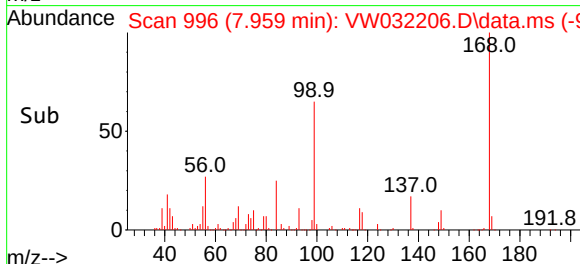
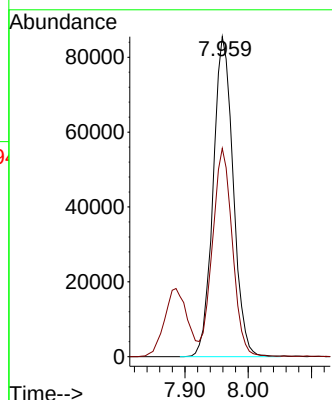
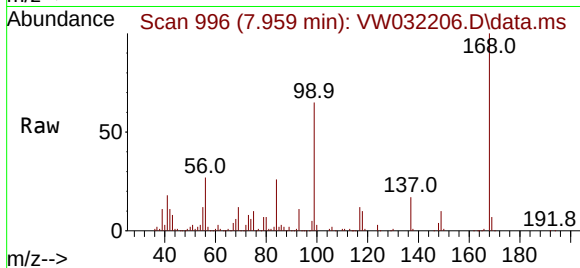
ClientSampleId :

Tgt Ion:168 Resp: 187746

Ion Ratio Lower Upper

168 100

99 65.0 49.3 73.9



#2

Dichlorodifluoromethane

Concen: 22.634 ug/l

RT: 2.045 min Scan# 26

Delta R.T. -0.000 min

Lab File: VW032206.D

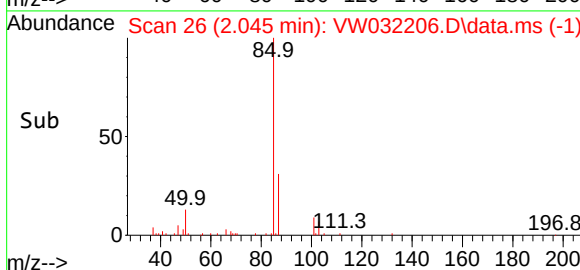
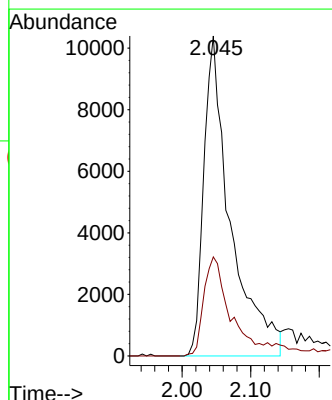
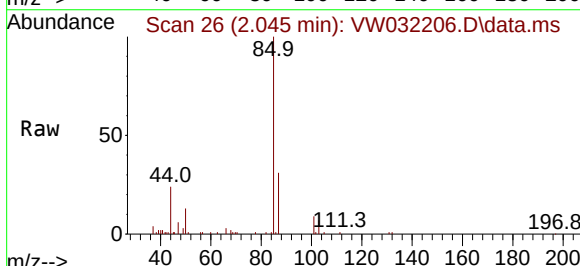
Acq: 19 Sep 2025 10:35

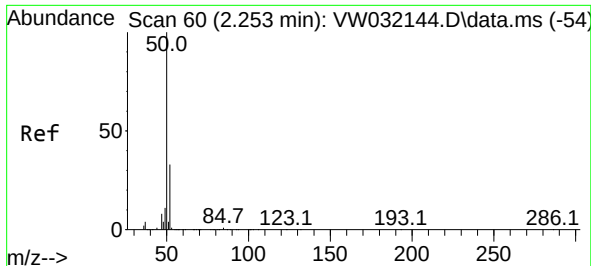
Tgt Ion: 85 Resp: 28056

Ion Ratio Lower Upper

85 100

87 31.0 17.2 51.6

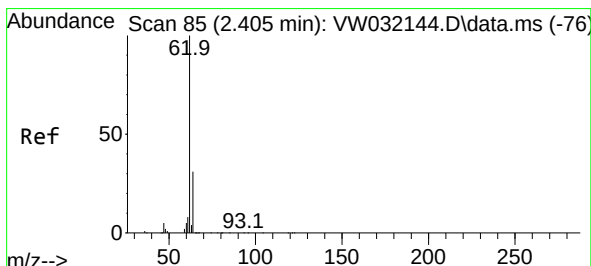
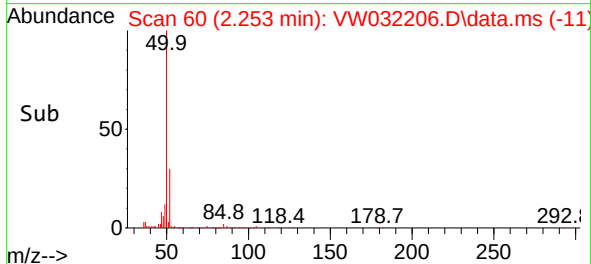
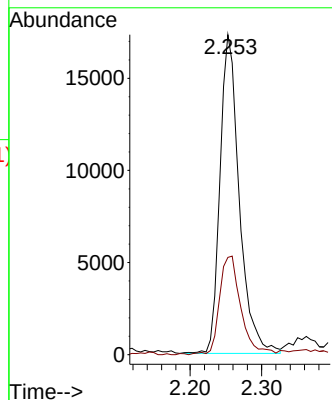
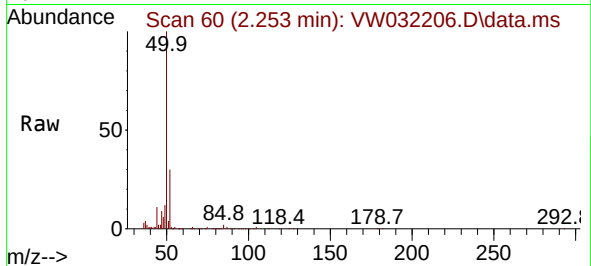




#3
Chloromethane
Concen: 24.969 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

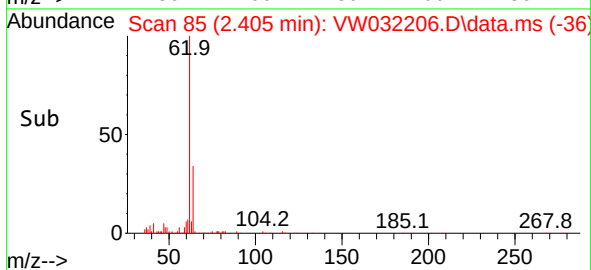
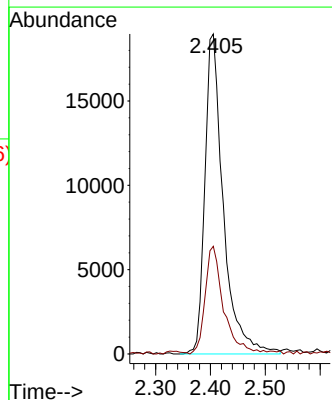
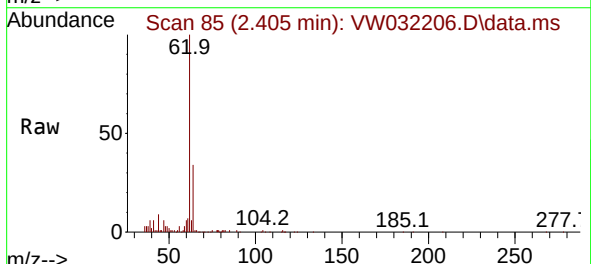
Instrument :
MSVOA_W
ClientSampleId :

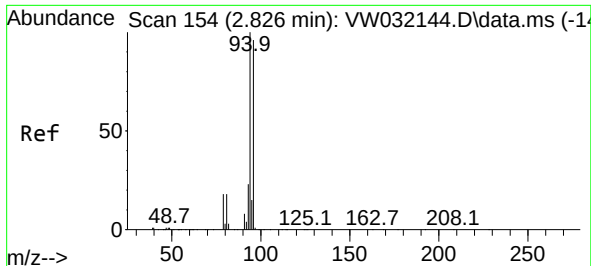
Tgt Ion: 50 Resp: 32451
Ion Ratio Lower Upper
50 100
52 30.2 26.1 39.1



#4
Vinyl Chloride
Concen: 26.164 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion: 62 Resp: 44166
Ion Ratio Lower Upper
62 100
64 33.1 24.8 37.2

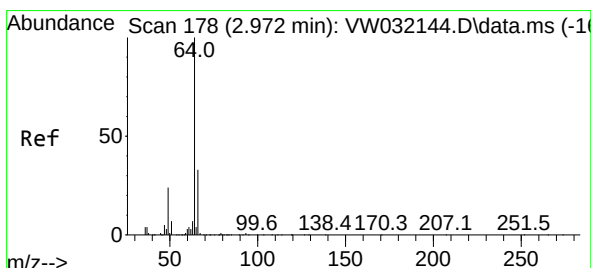
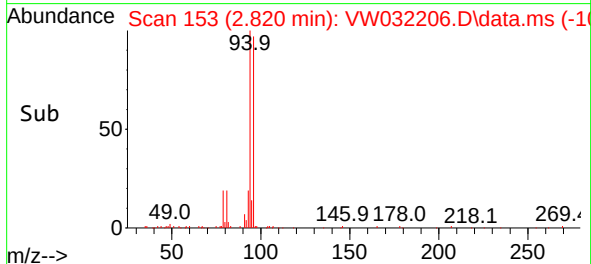
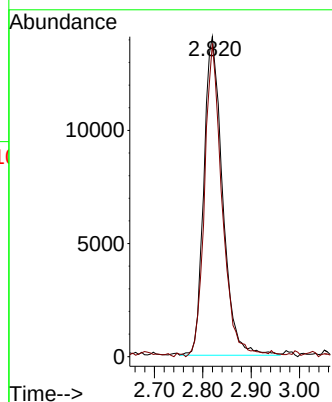
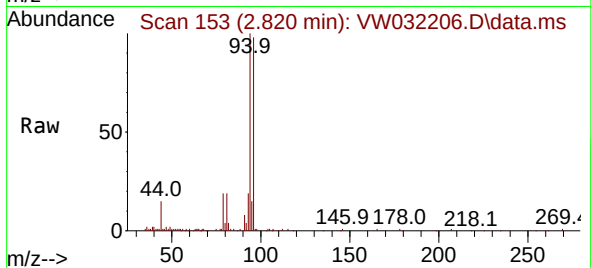




#5
Bromomethane
Concen: 25.194 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

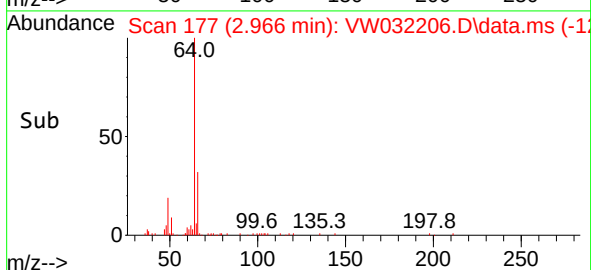
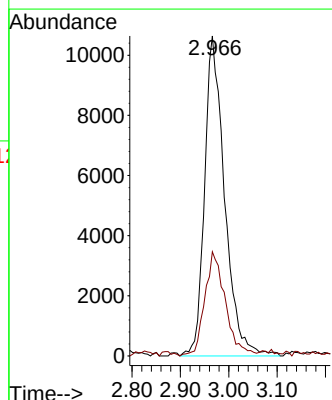
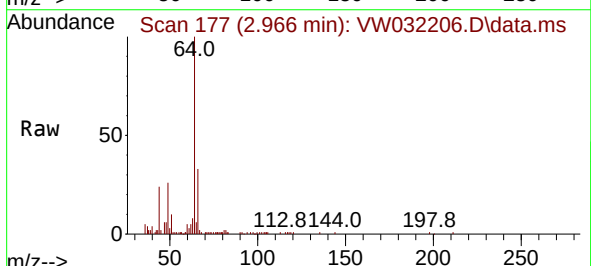
Instrument :
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ClientSampleId :

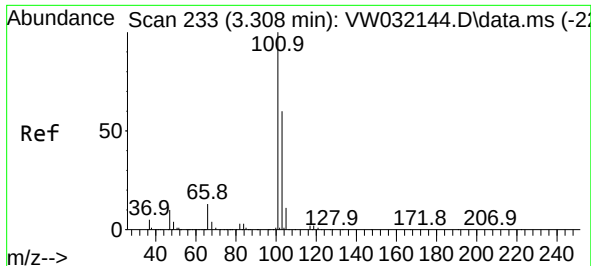
Tgt Ion: 94 Resp: 37977
Ion Ratio Lower Upper
94 100
96 97.6 76.6 115.0



#6
Chloroethane
Concen: 25.809 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion: 64 Resp: 30681
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4

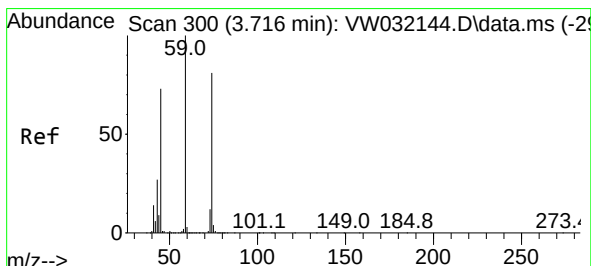
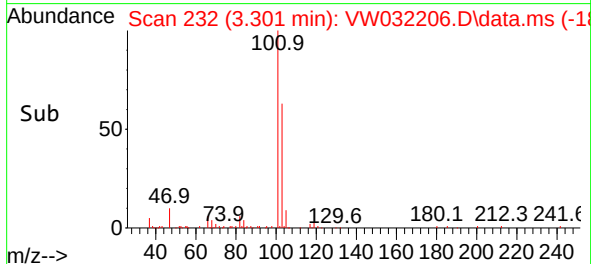
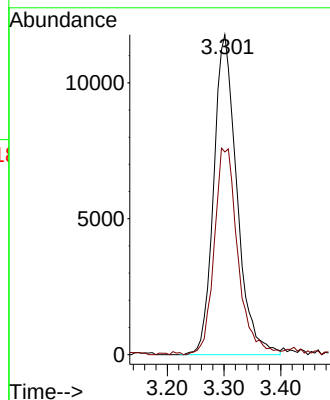
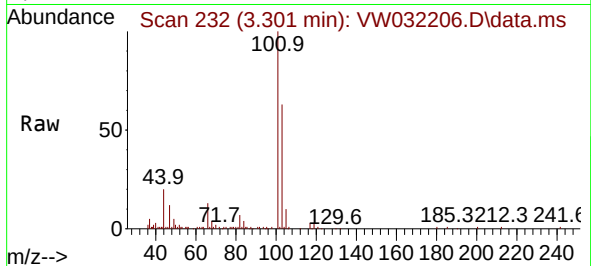




#7
Trichlorofluoromethane
Concen: 19.982 ug/l
RT: 3.301 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW032206.D
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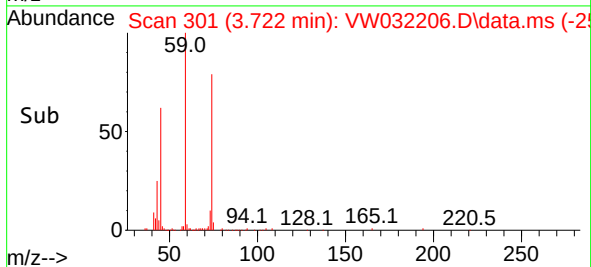
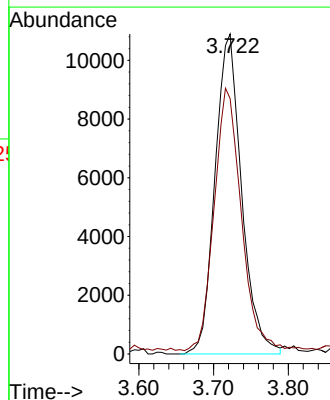
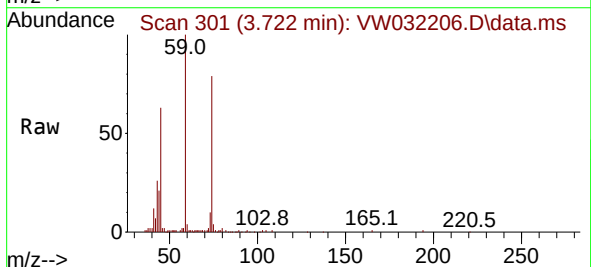
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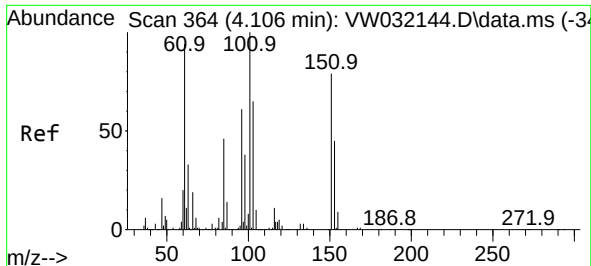
Tgt Ion:101 Resp: 33421
Ion Ratio Lower Upper
101 100
103 62.7 47.8 71.8



#8
Diethyl Ether
Concen: 21.603 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion: 74 Resp: 26964
Ion Ratio Lower Upper
74 100
45 84.0 43.1 129.4

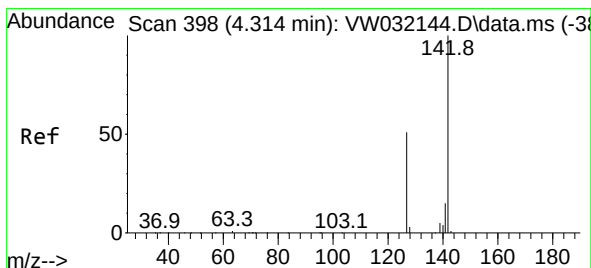
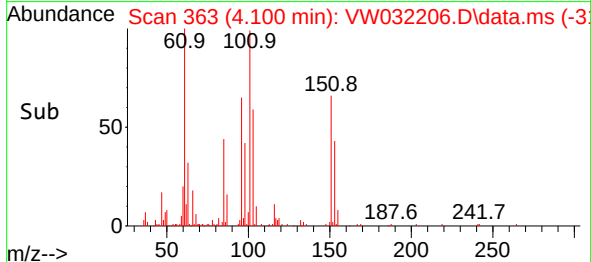
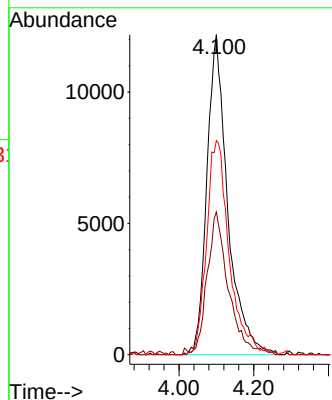
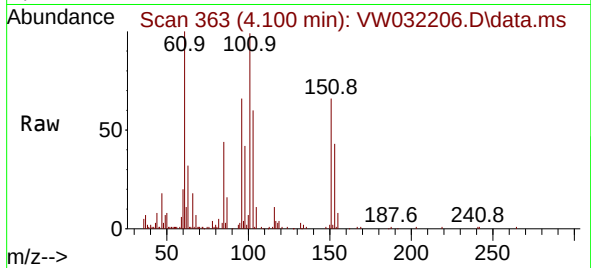




#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.049 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW032206.D
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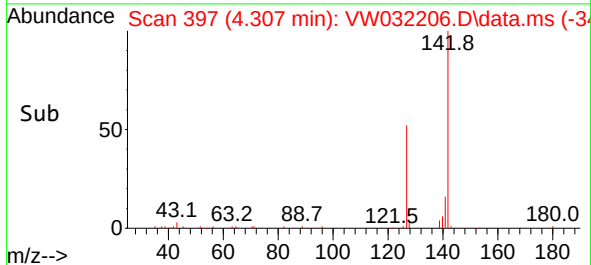
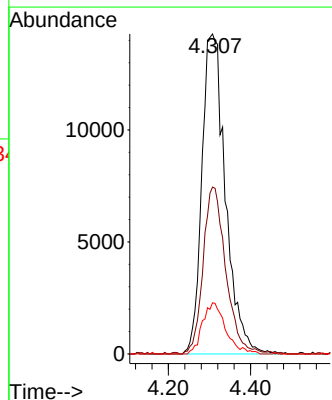
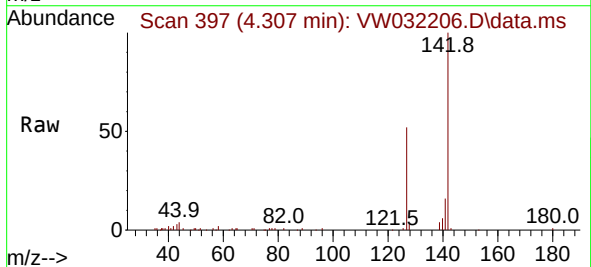
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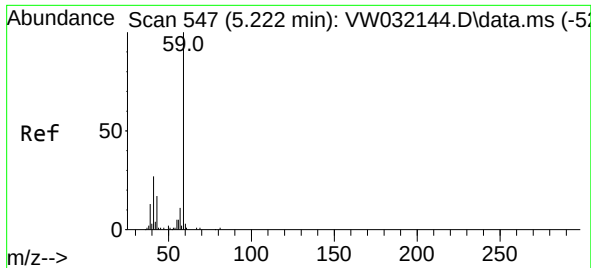
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Ion Ratio Lower Upper
101 100
85 45.4 37.1 55.7
151 71.9 61.5 92.3



#10
Methyl Iodide
Concen: 19.845 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

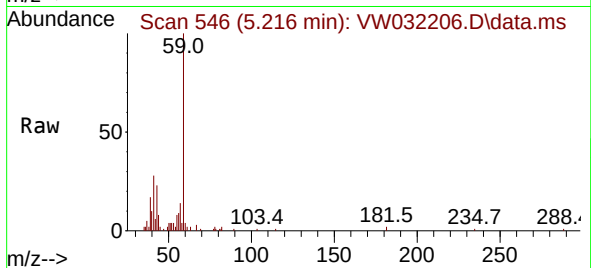
Tgt Ion:142 Resp: 56933
Ion Ratio Lower Upper
142 100
127 50.1 38.2 57.2
141 15.8 12.2 18.2



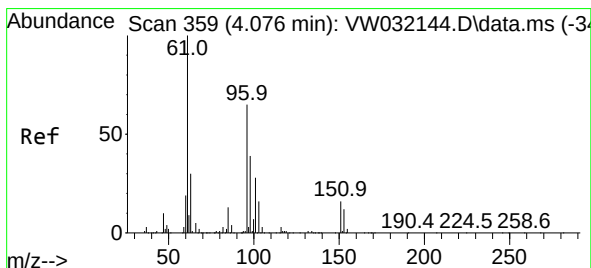
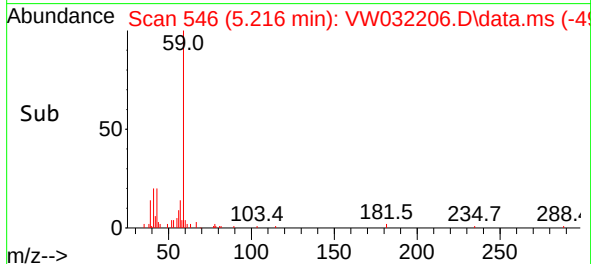
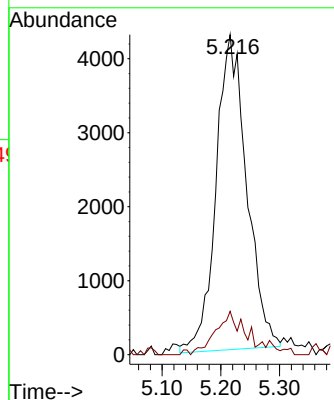


#11
Tert butyl alcohol
Concen: 93.829 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Instrument :
MSVOA_W
ClientSampleId :

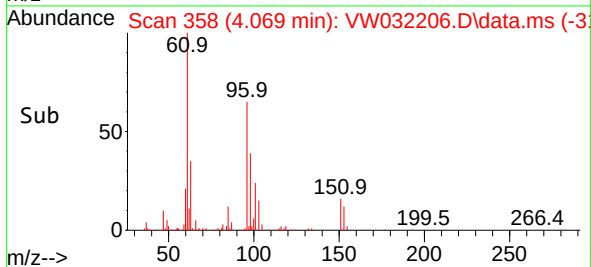
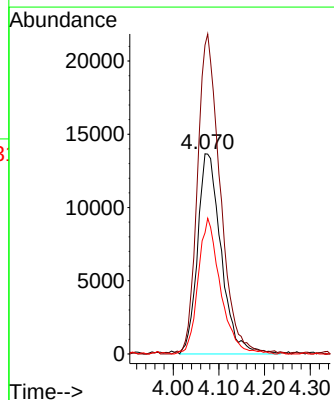
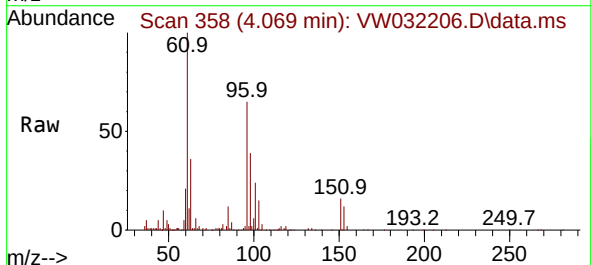


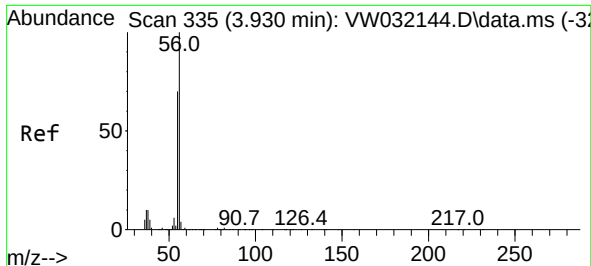
Tgt Ion: 59 Resp: 15410
Ion Ratio Lower Upper
59 100
57 12.6 9.8 14.6



#12
1,1-Dichloroethene
Concen: 24.631 ug/l
RT: 4.069 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

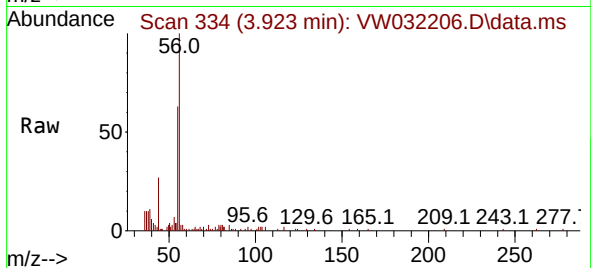
Tgt Ion: 96 Resp: 48874
Ion Ratio Lower Upper
96 100
61 153.3 123.0 184.4
98 60.0 48.5 72.7



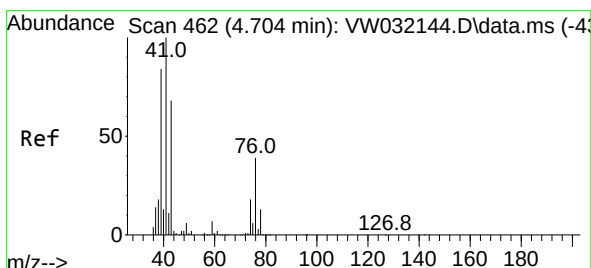
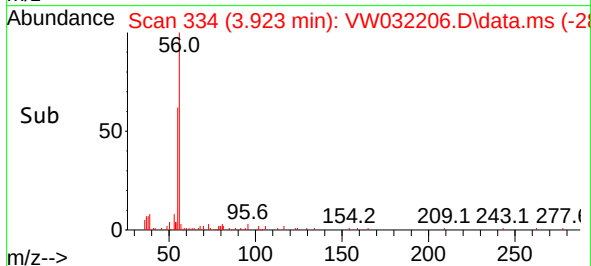
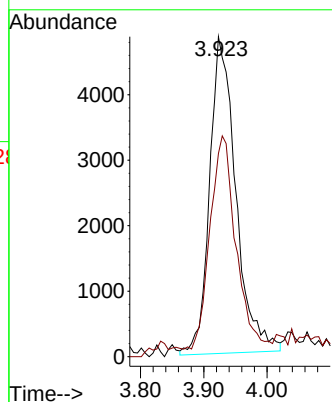


#13
Acrolein
Concen: 55.158 ug/l
RT: 3.923 min Scan# 335
Delta R.T. -0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Instrument :
MSVOA_W
ClientSampleId :

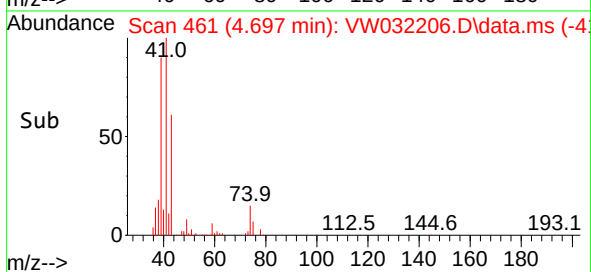
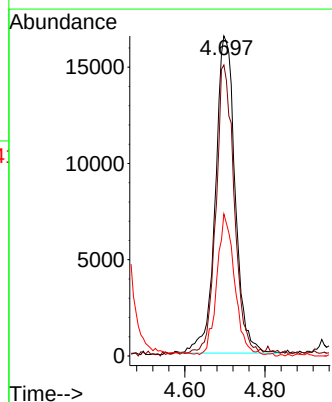
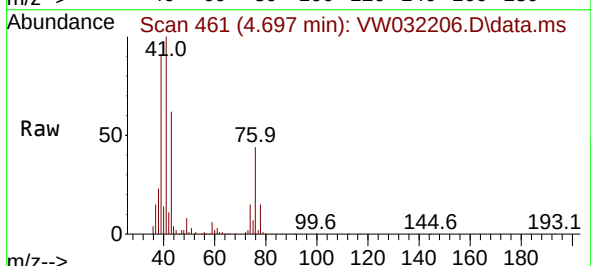


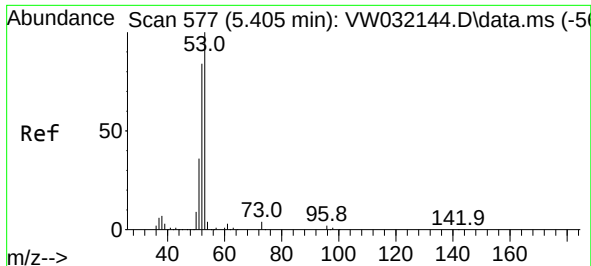
Tgt Ion: 56 Resp: 13925
Ion Ratio Lower Upper
56 100
55 65.7 56.4 84.6



#14
Allyl chloride
Concen: 19.963 ug/l
RT: 4.697 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion: 41 Resp: 56266
Ion Ratio Lower Upper
41 100
39 83.7 64.1 96.1
76 39.2 31.4 47.2

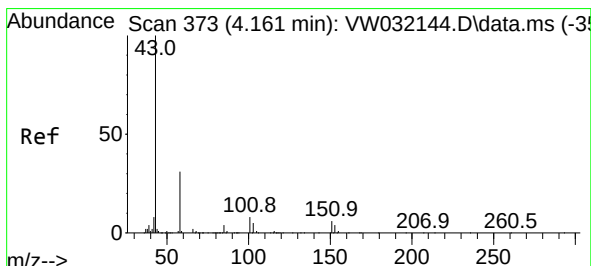
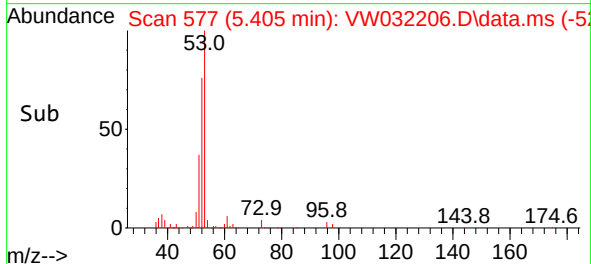
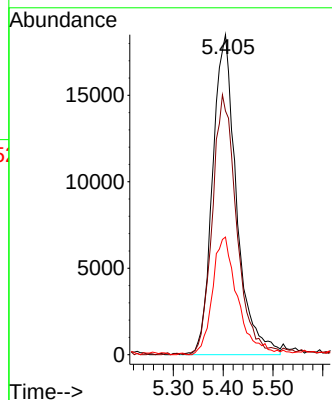
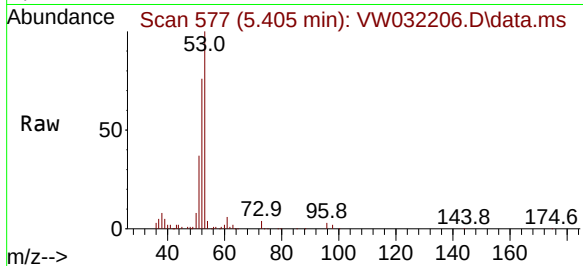




#15
Acrylonitrile
Concen: 101.644 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

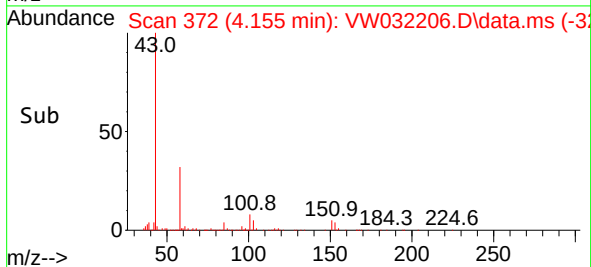
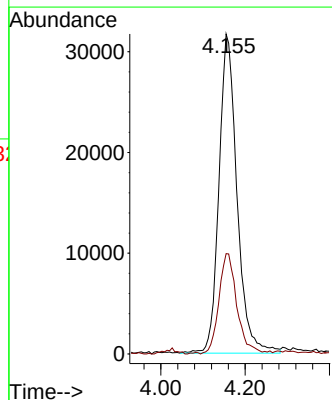
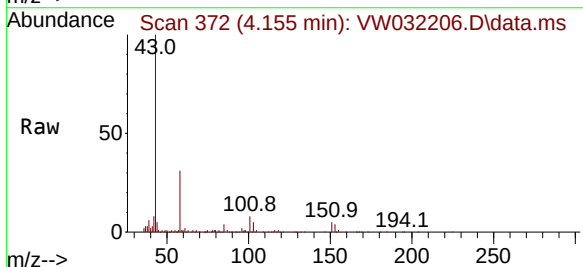
Instrument :
MSVOA_W
ClientSampleId :

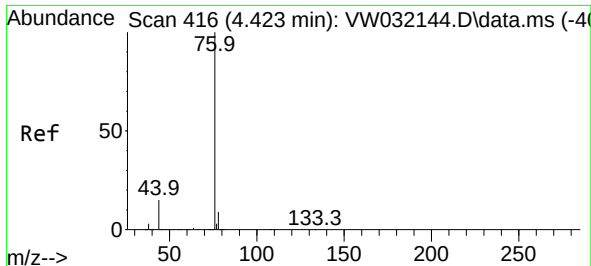
Tgt Ion: 53 Resp: 61681
Ion Ratio Lower Upper
53 100
52 82.5 67.4 101.2
51 38.3 30.3 45.5



#16
Acetone
Concen: 161.783 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion: 43 Resp: 94076
Ion Ratio Lower Upper
43 100
58 30.9 25.3 37.9

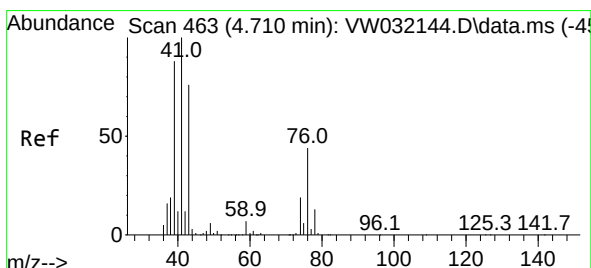
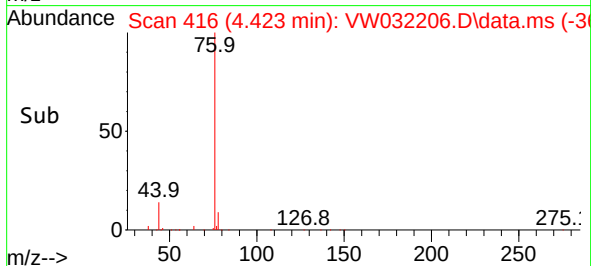
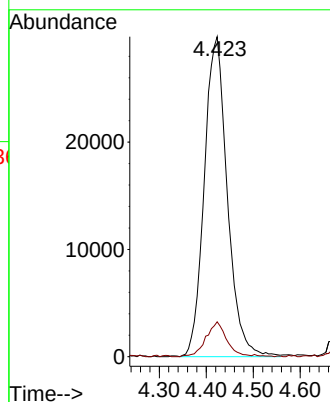
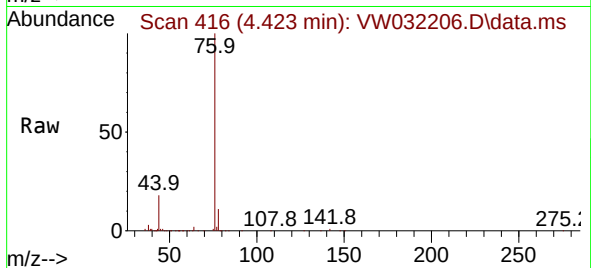




#17
Carbon Disulfide
Concen: 20.489 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

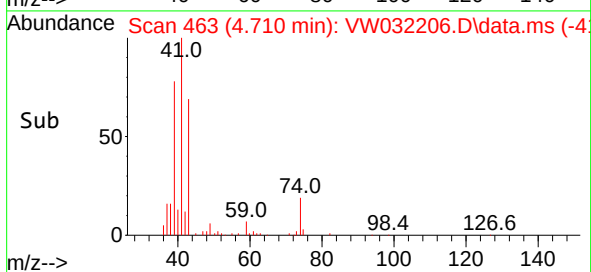
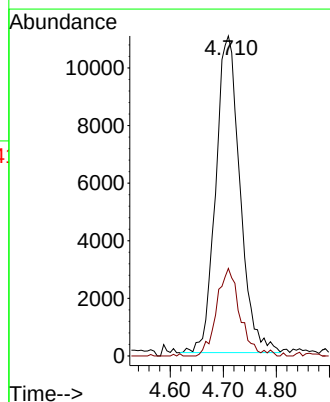
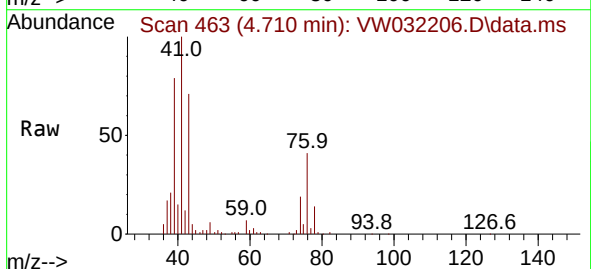
Instrument :
MSVOA_W
ClientSampleId :

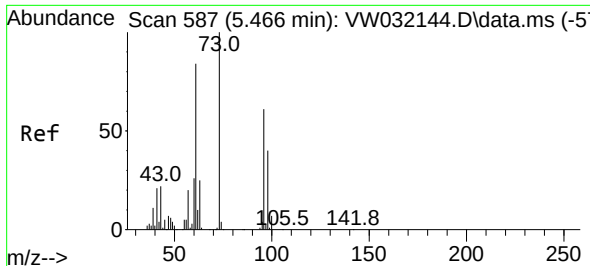
Tgt Ion: 76 Resp: 101681
Ion Ratio Lower Upper
76 100
78 10.9 7.0 10.6#



#18
Methyl Acetate
Concen: 18.874 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion: 43 Resp: 34968
Ion Ratio Lower Upper
43 100
74 26.0 20.2 30.4

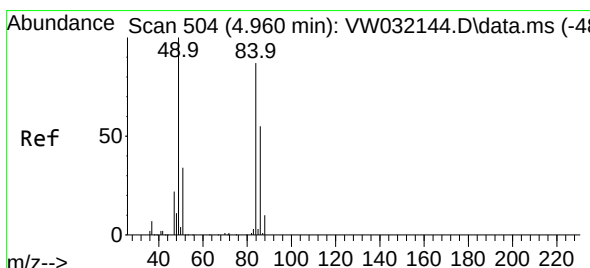
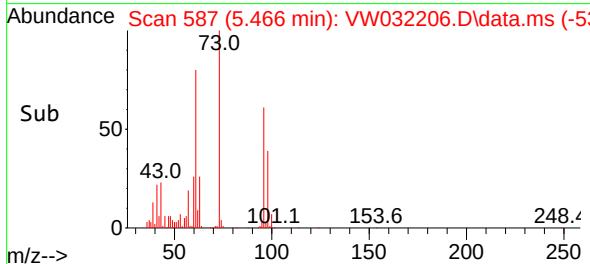
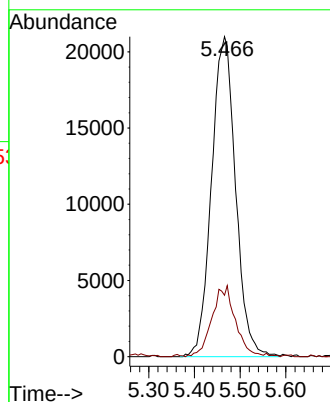
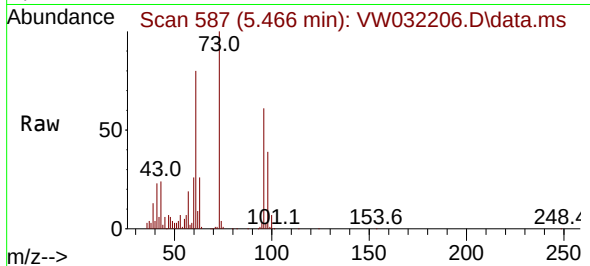




#19
Methyl tert-butyl Ether
Concen: 20.514 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

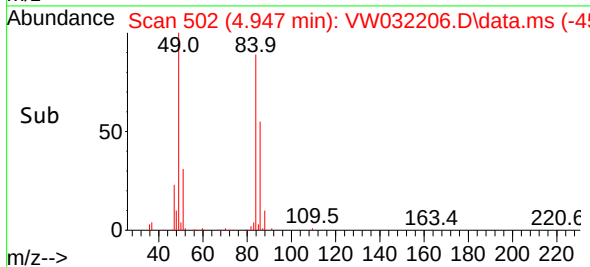
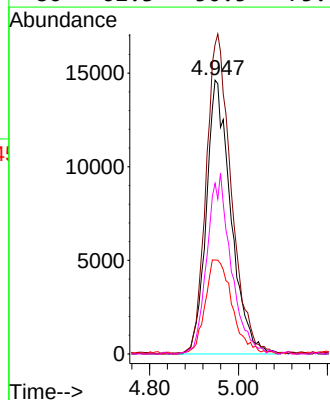
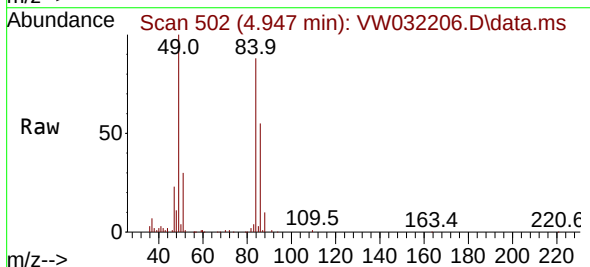
Instrument :
MSVOA_W
ClientSampleId :

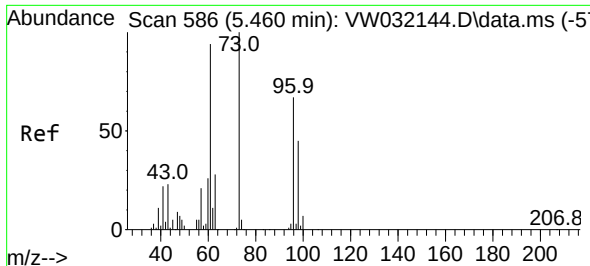
Tgt Ion: 73 Resp: 76866
Ion Ratio Lower Upper
73 100
57 19.2 16.2 24.4



#20
Methylene Chloride
Concen: 20.999 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.013 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion: 84 Resp: 56161
Ion Ratio Lower Upper
84 100
49 112.5 92.2 138.4
51 33.9 31.0 46.6
86 62.3 50.5 75.7

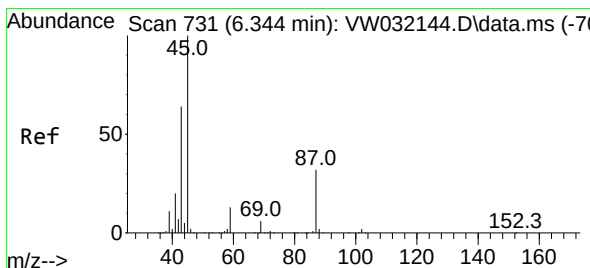
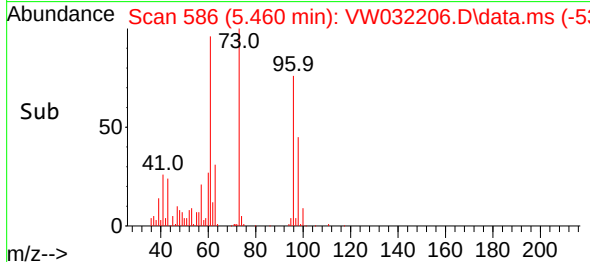
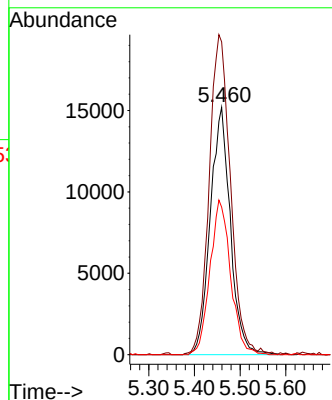
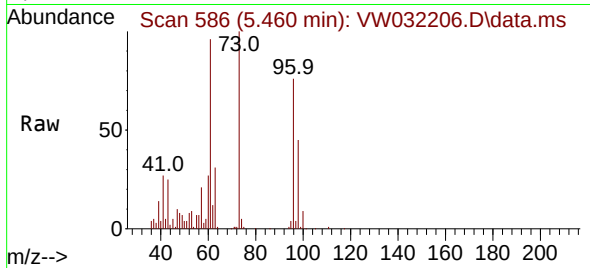




#21
trans-1,2-Dichloroethene
Concen: 20.923 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

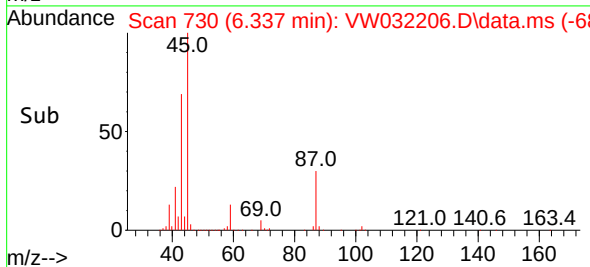
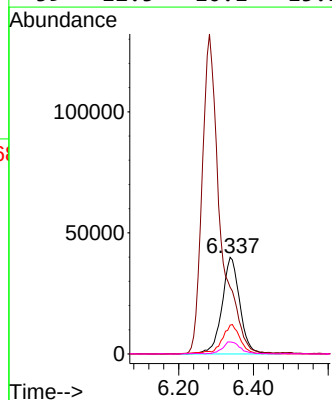
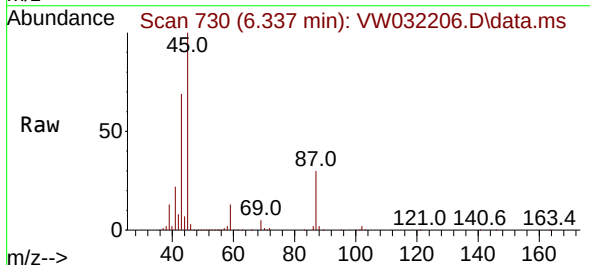
Instrument :
MSVOA_W
ClientSampleId :

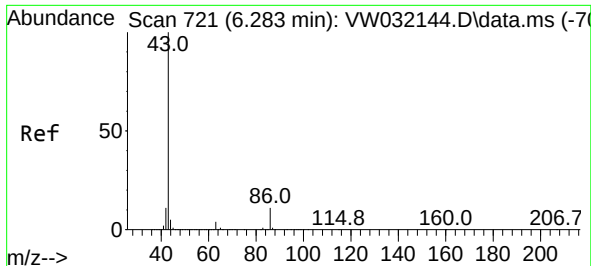
Tgt Ion: 96 Resp: 46378
Ion Ratio Lower Upper
96 100
61 126.5 112.5 168.7
98 59.6 54.2 81.4



#22
Diisopropyl ether
Concen: 21.509 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion: 45 Resp: 131943
Ion Ratio Lower Upper
45 100
43 68.7 51.4 77.2
87 29.7 25.9 38.9
59 12.5 10.1 15.1

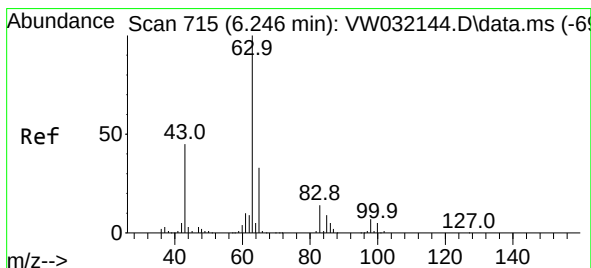
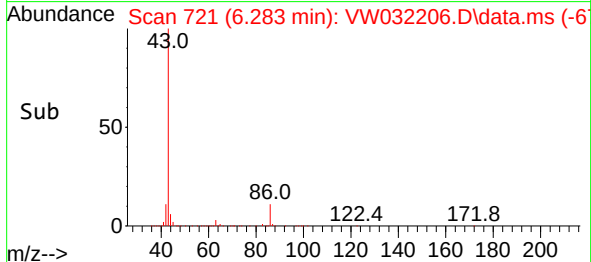
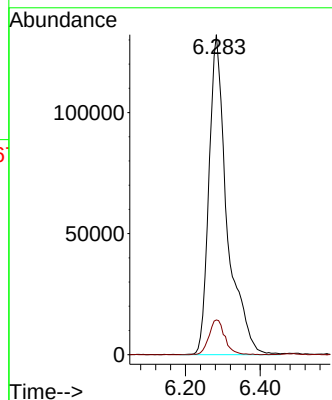
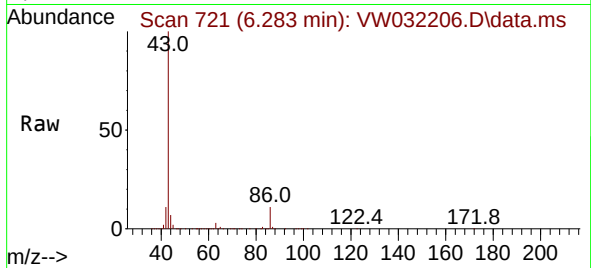




#23
 Vinyl Acetate
 Concen: 106.654 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032206.D
 Acq: 19 Sep 2025 10:35

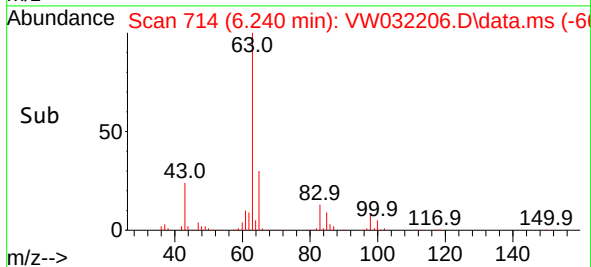
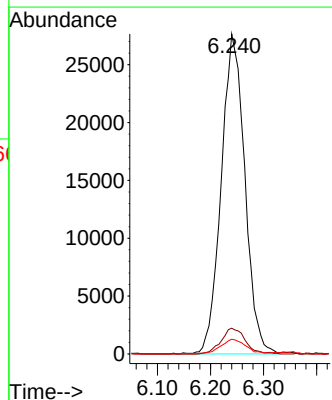
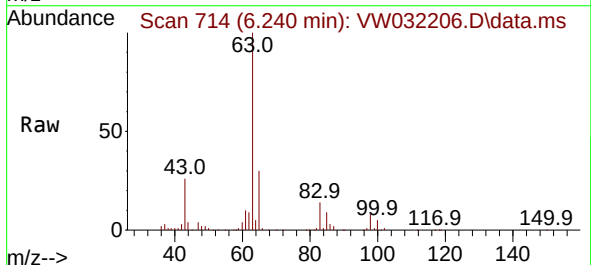
Instrument :
 MSVOA_W
 ClientSampleId :

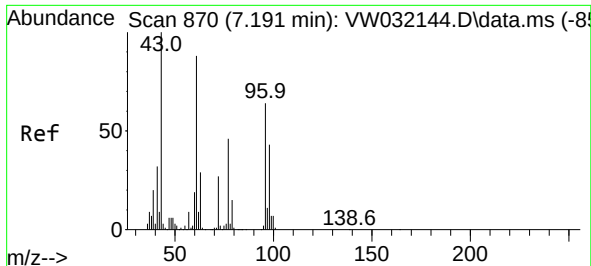
Tgt Ion: 43 Resp: 444822
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 21.285 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032206.D
 Acq: 19 Sep 2025 10:35

Tgt Ion: 63 Resp: 85479
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.2
 100 4.6 2.5 7.5

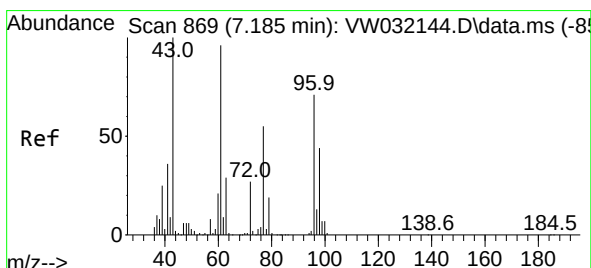
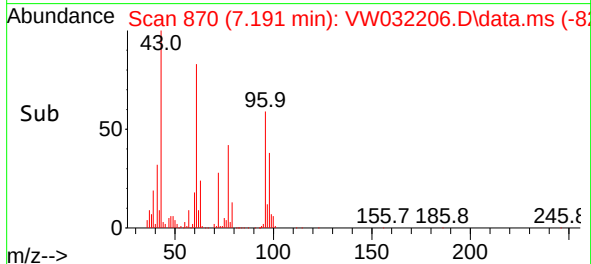
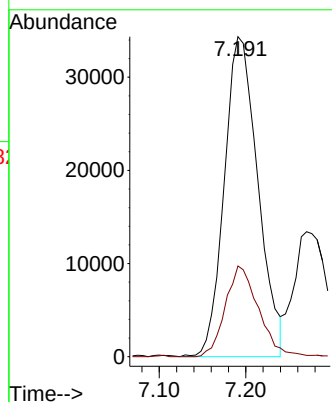
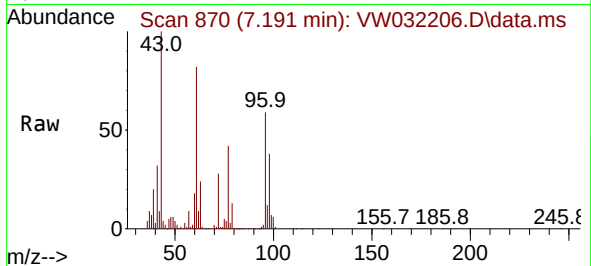




#25
2-Butanone
Concen: 112.433 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

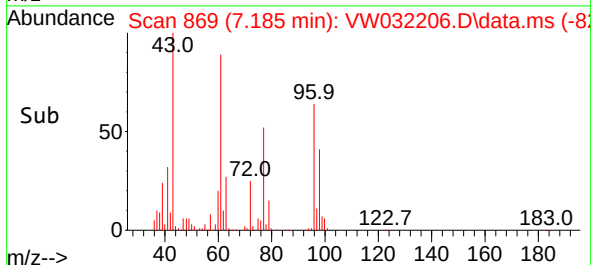
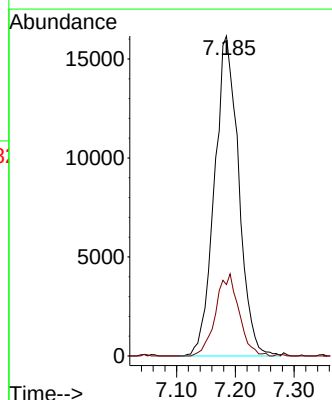
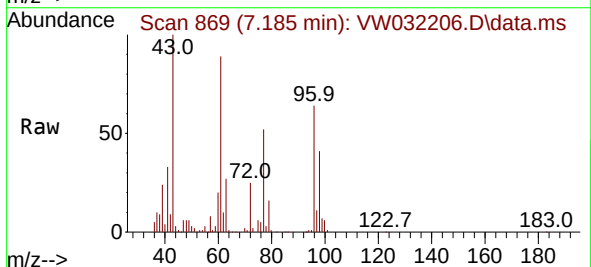
Instrument :
MSVOA_W
ClientSampleId :

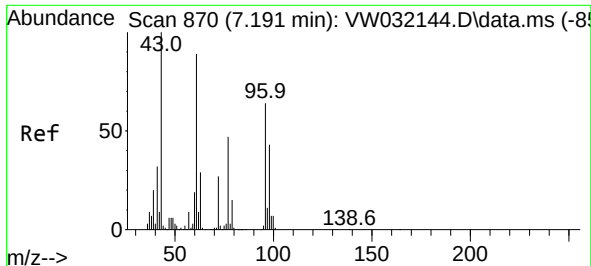
Tgt Ion: 43 Resp: 92645
Ion Ratio Lower Upper
43 100
72 28.3 21.4 32.2



#26
2,2-Dichloropropane
Concen: 21.718 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion: 77 Resp: 46188
Ion Ratio Lower Upper
77 100
97 24.7 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.165 ug/l

RT: 7.191 min Scan# 81

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

ClientSampleId :

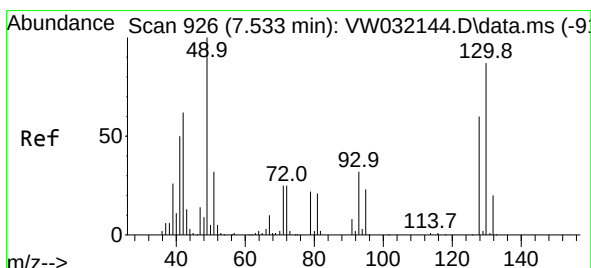
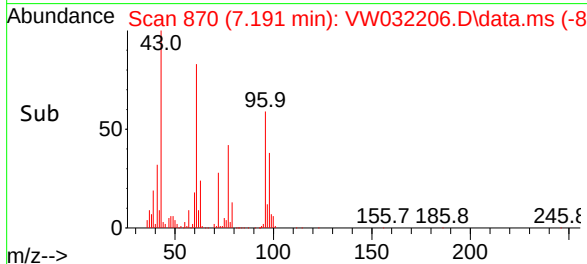
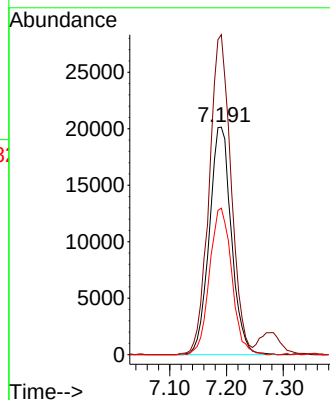
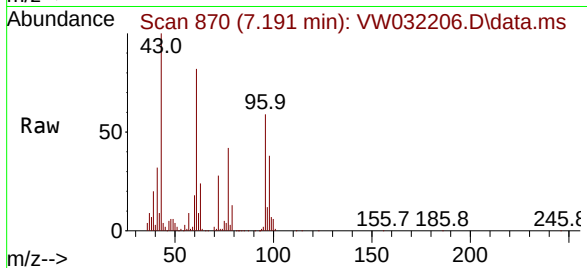
Tgt Ion: 96 Resp: 54391

Ion Ratio Lower Upper

96 100

61 139.7 0.0 268.0

98 64.8 0.0 130.8



#28

Bromochloromethane

Concen: 22.553 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

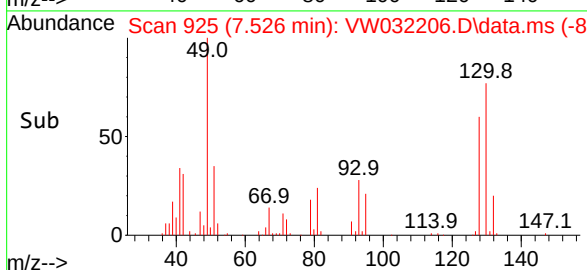
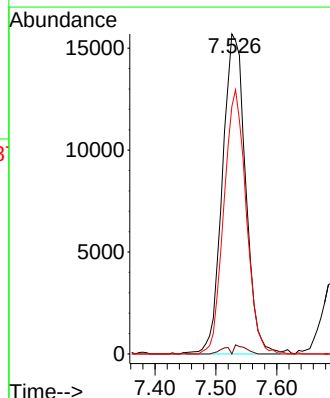
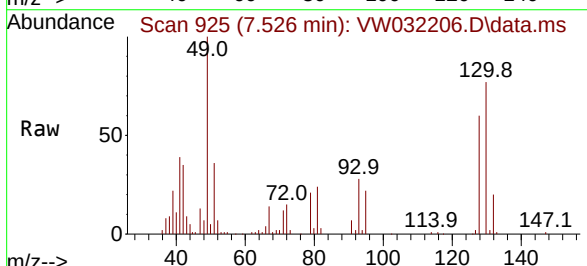
Tgt Ion: 49 Resp: 41461

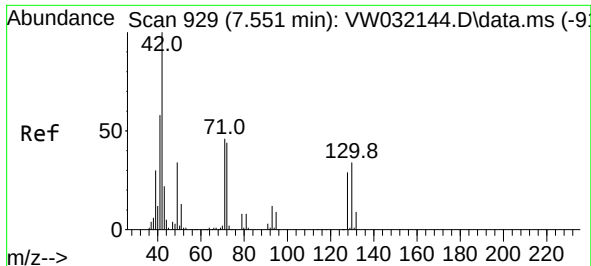
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.2

130 79.3 67.5 101.3





#29

Tetrahydrofuran

Concen: 100.078 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032206.D

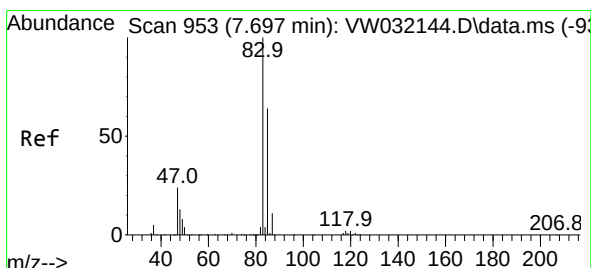
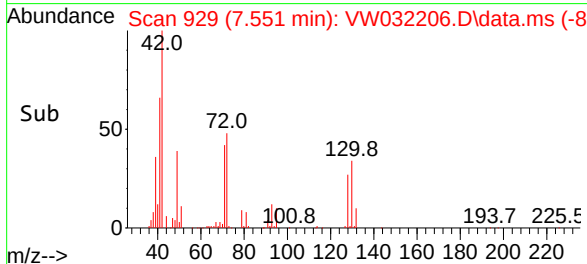
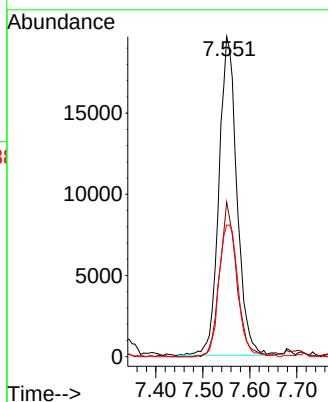
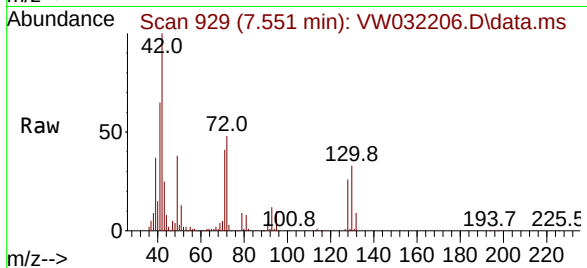
Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	42	Resp:	52403
Ion	Ratio	Lower	Upper
42	100		
72	45.8	37.4	56.2
71	44.2	36.0	54.0



#30

Chloroform

Concen: 21.383 ug/l

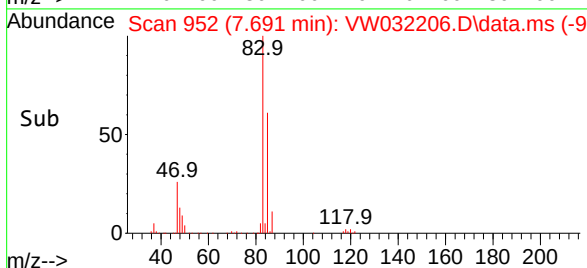
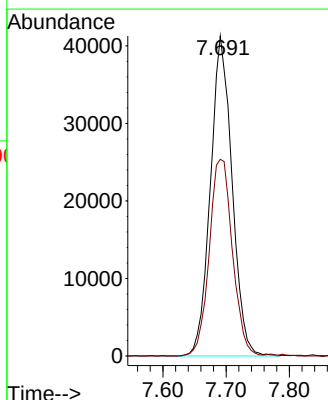
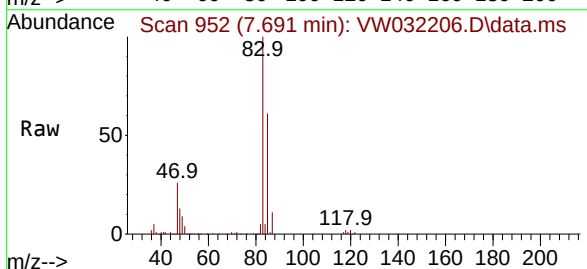
RT: 7.691 min Scan# 952

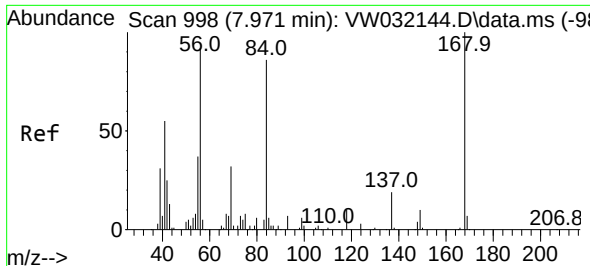
Delta R.T. -0.006 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

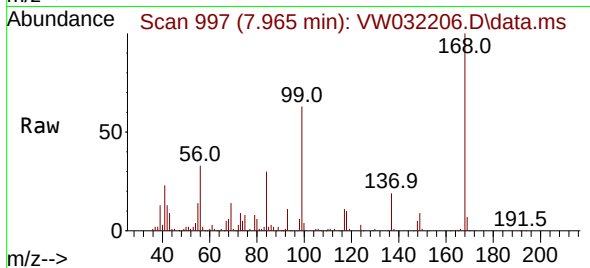
Tgt Ion:	83	Resp:	98045
Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.2	76.8



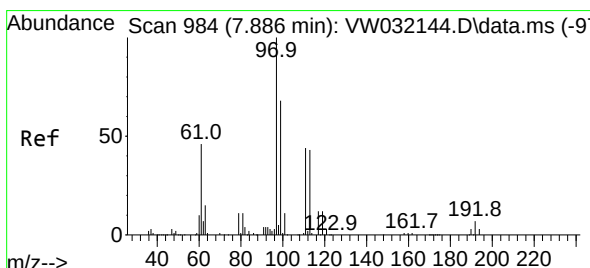
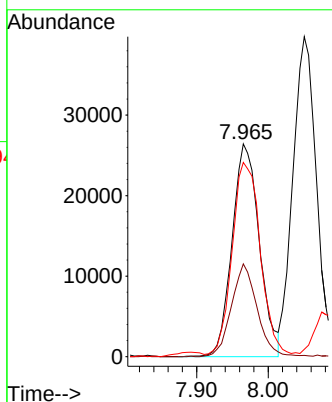
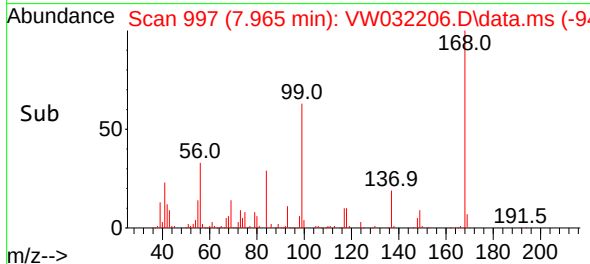


#31
Cyclohexane
Concen: 21.259 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Instrument :
MSVOA_W
ClientSampleId :

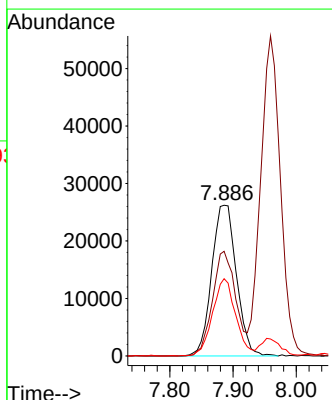
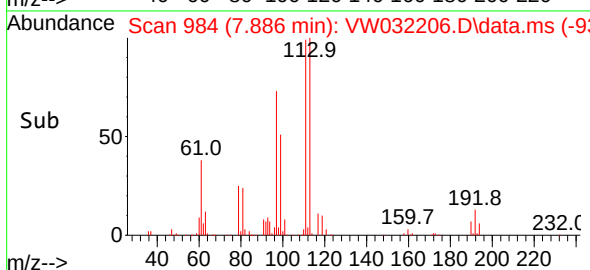
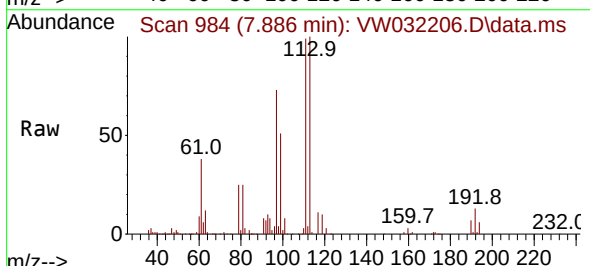


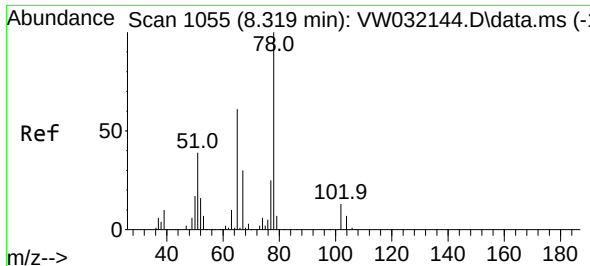
Tgt Ion: 56 Resp: 70073
Ion Ratio Lower Upper
56 100
69 43.6 27.7 41.5#
84 89.9 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 21.199 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion: 97 Resp: 70956
Ion Ratio Lower Upper
97 100
99 66.1 50.9 76.3
61 48.3 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 52.898 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

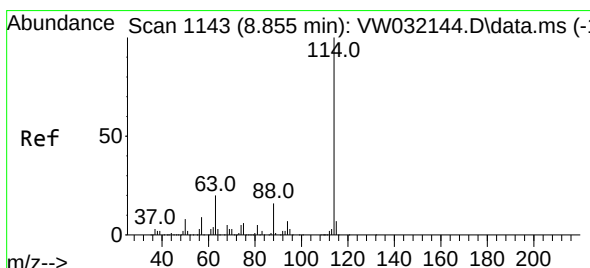
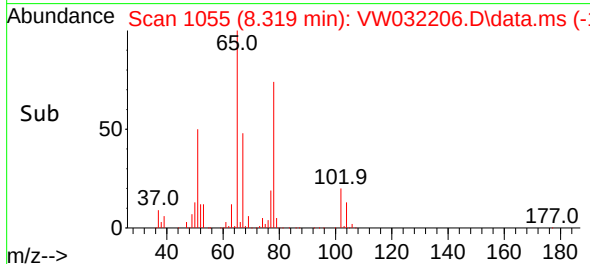
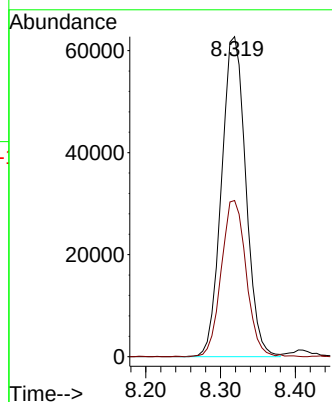
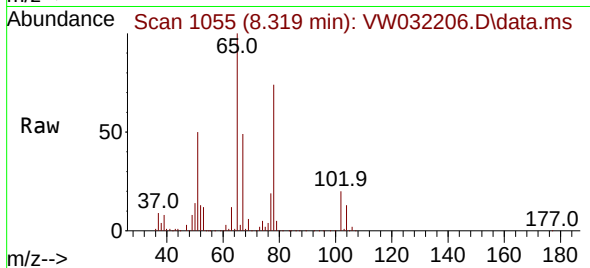
ClientSampleId :

Tgt Ion: 65 Resp: 142032

Ion Ratio Lower Upper

65 100

67 50.0 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

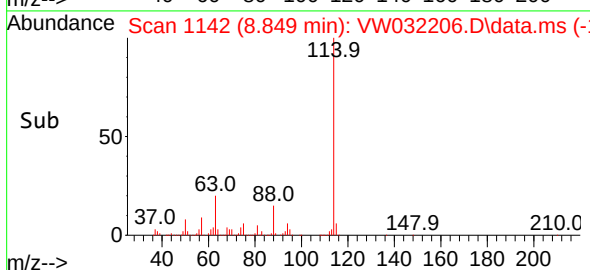
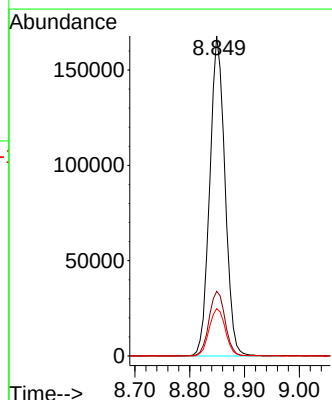
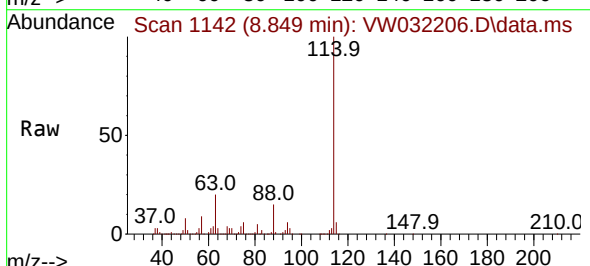
Tgt Ion: 114 Resp: 322734

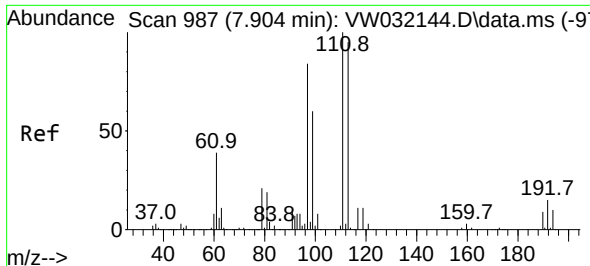
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.4

88 14.8 0.0 32.0

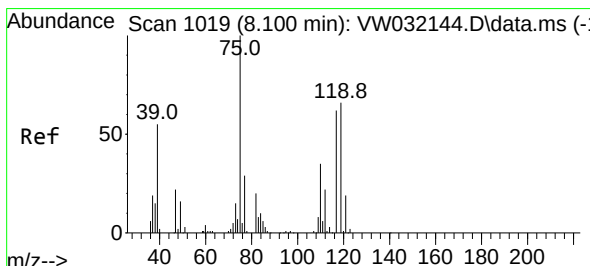
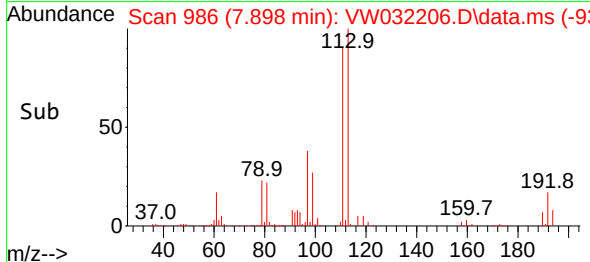
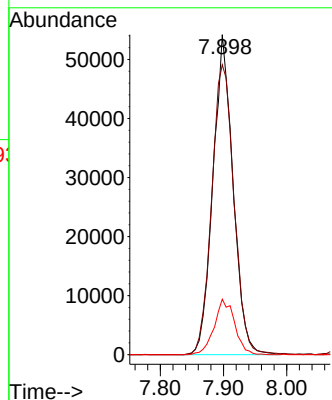
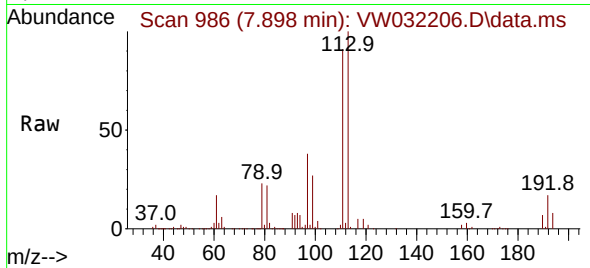




#35
 Dibromofluoromethane
 Concen: 52.865 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032206.D
 Acq: 19 Sep 2025 10:35

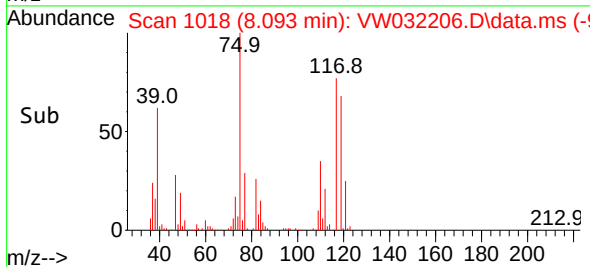
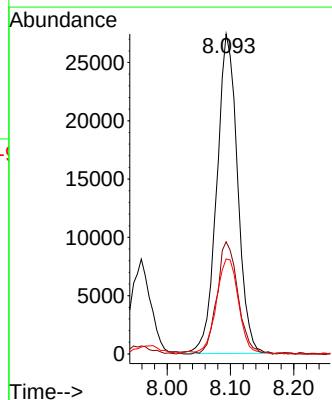
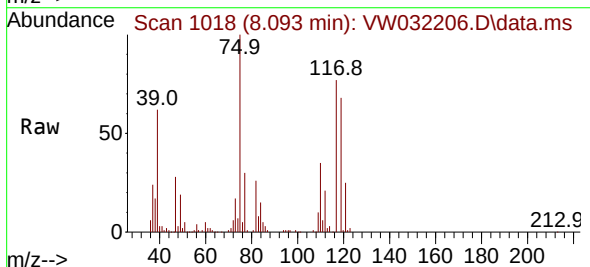
Instrument :
 MSVOA_W
 ClientSampleId :

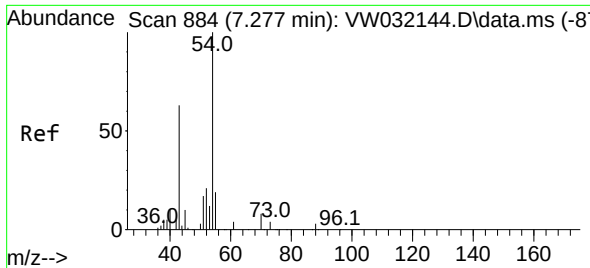
Tgt Ion:113 Resp: 119700
 Ion Ratio Lower Upper
 113 100
 111 100.3 83.9 125.9
 192 17.6 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 21.320 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032206.D
 Acq: 19 Sep 2025 10:35

Tgt Ion: 75 Resp: 62591
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.5 52.5
 77 32.2 24.1 36.1

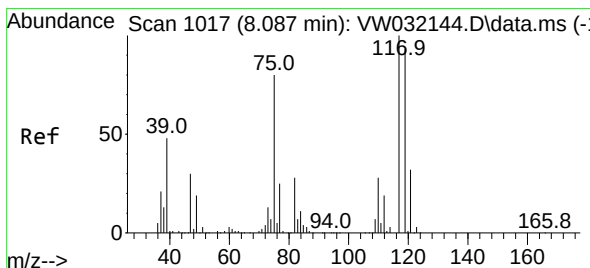
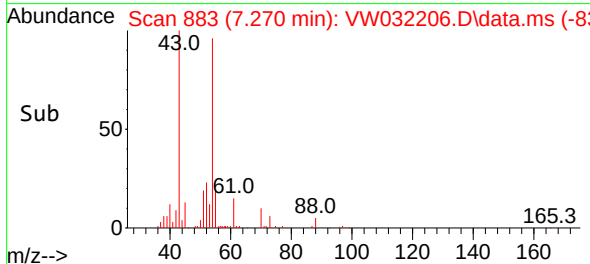
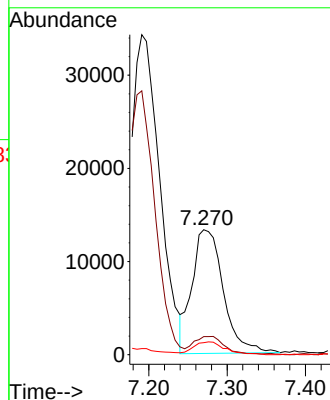
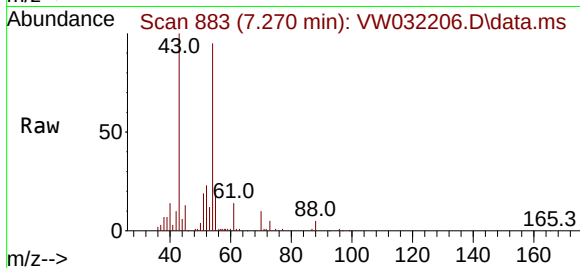




#37
Ethyl Acetate
Concen: 20.997 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

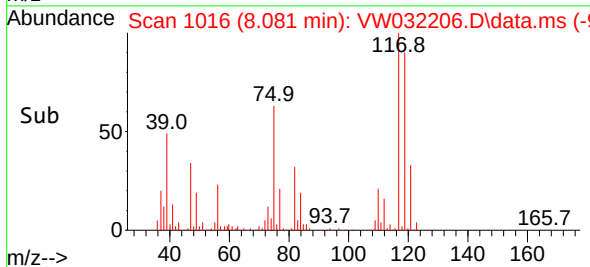
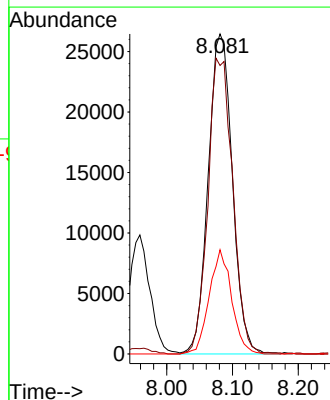
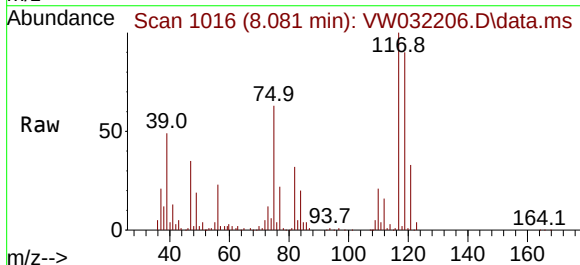
Instrument :
MSVOA_W
ClientSampleId :

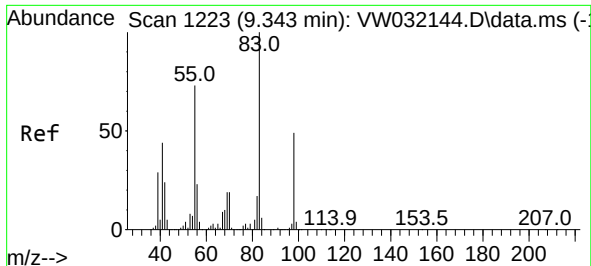
Tgt Ion: 43 Resp: 36979
Ion Ratio Lower Upper
43 100
61 13.5 11.3 16.9
70 10.4 8.9 13.3



#38
Carbon Tetrachloride
Concen: 21.520 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion: 117 Resp: 67727
Ion Ratio Lower Upper
117 100
119 90.1 74.2 111.2
121 32.6 25.6 38.4





#39

Methylcyclohexane

Concen: 20.575 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

ClientSampleId :

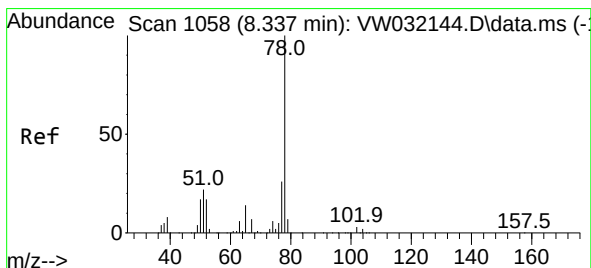
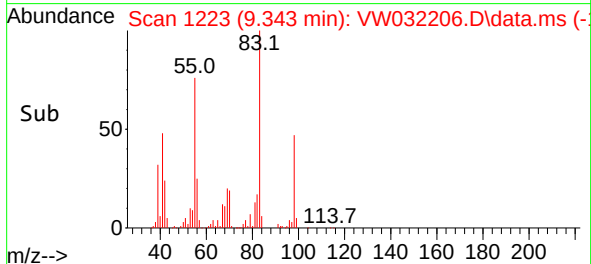
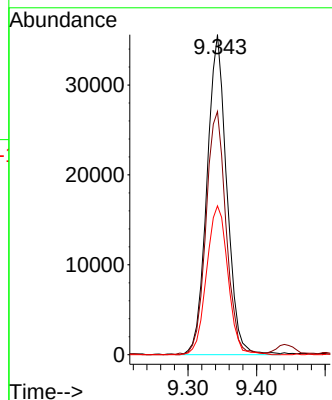
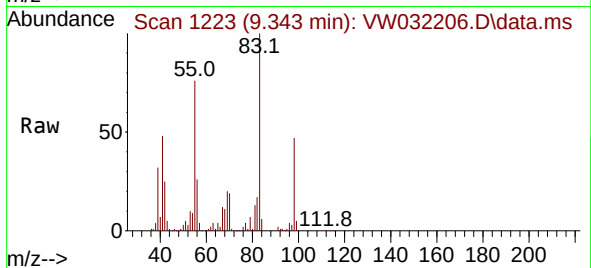
Tgt Ion: 83 Resp: 71546

Ion Ratio Lower Upper

83 100

55 75.5 58.4 87.6

98 46.5 39.4 59.2



#40

Benzene

Concen: 21.399 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032206.D

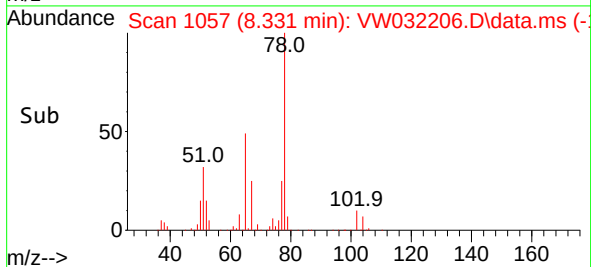
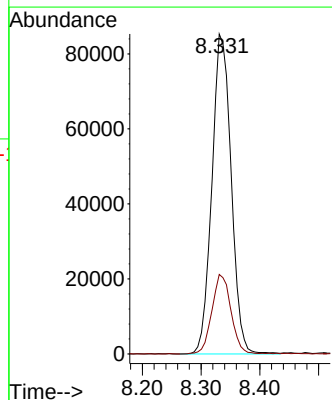
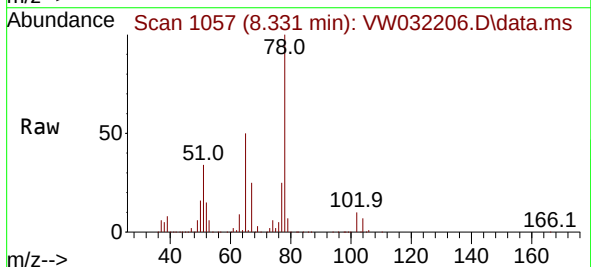
Acq: 19 Sep 2025 10:35

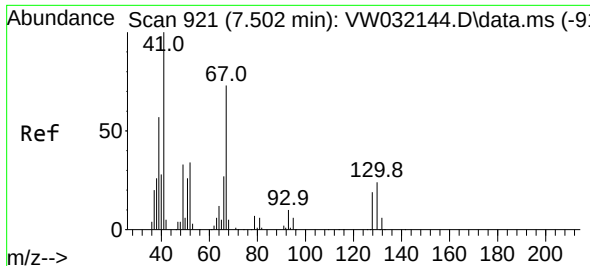
Tgt Ion: 78 Resp: 194195

Ion Ratio Lower Upper

78 100

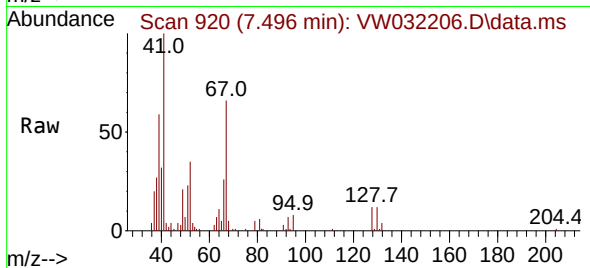
77 24.8 20.7 31.1



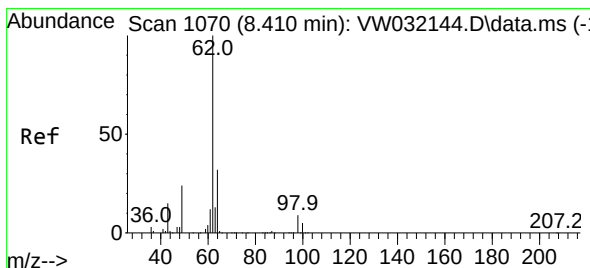
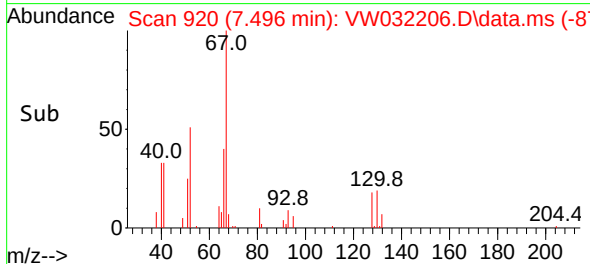
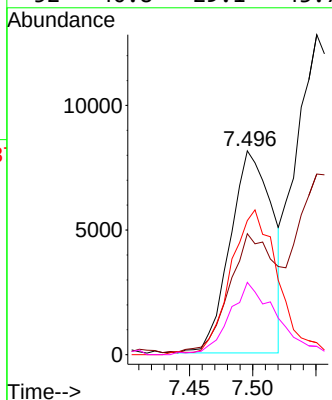


#41
Methacrylonitrile
Concen: 19.150 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Instrument :
MSVOA_W
ClientSampleId :

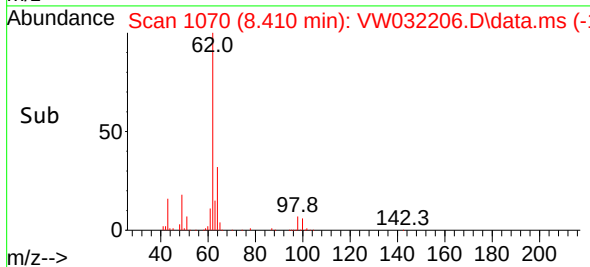
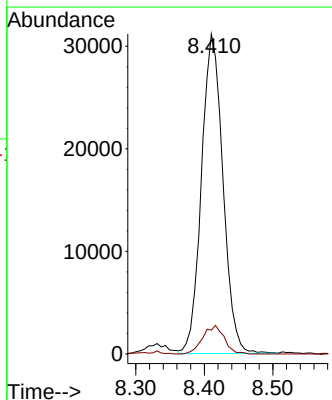
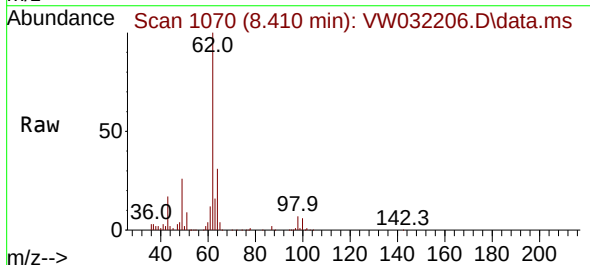


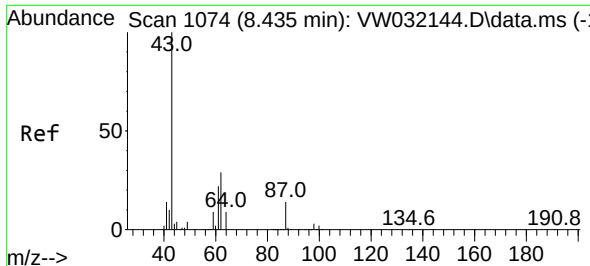
Tgt Ion:	41	Resp:	18738
Ion	Ratio	Lower	Upper
41	100		
39	68.3	50.9	76.3
67	82.4	65.6	98.4
52	40.8	29.1	43.7



#42
1,2-Dichloroethane
Concen: 21.579 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

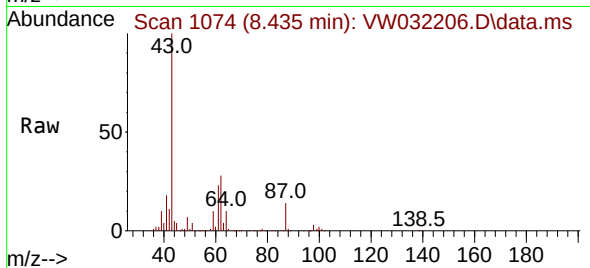
Tgt Ion:	62	Resp:	67886
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0



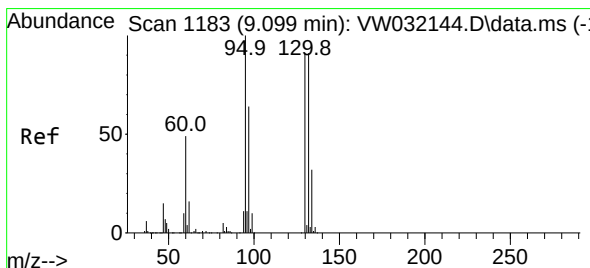
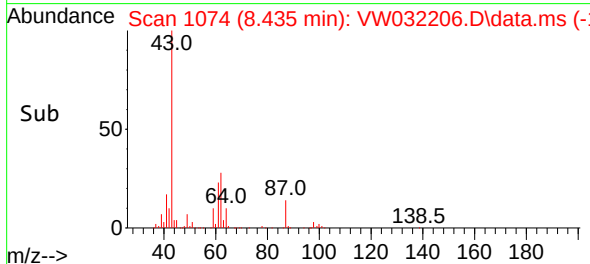
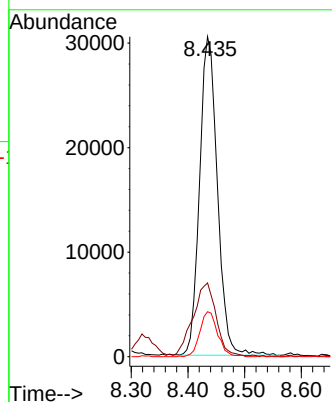


#43
Isopropyl Acetate
Concen: 20.132 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Instrument :
MSVOA_W
ClientSampleId :

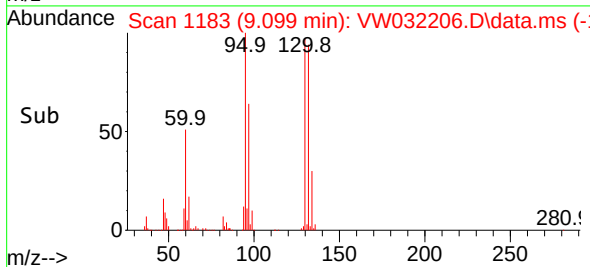
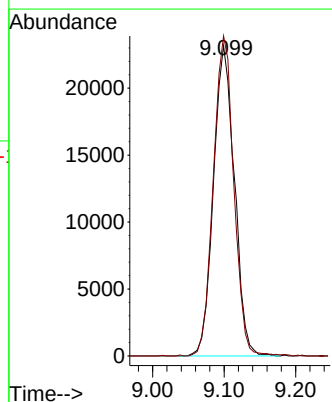
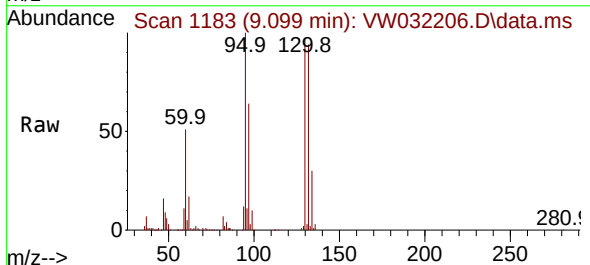


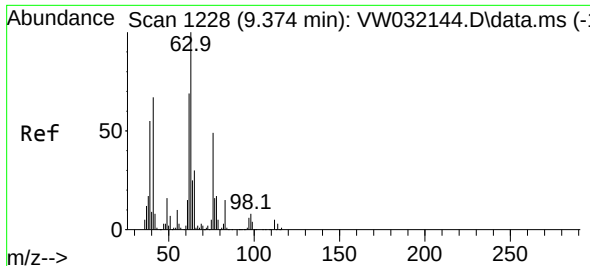
Tgt Ion: 43 Resp: 66517
Ion Ratio Lower Upper
43 100
61 30.4 23.3 34.9
87 14.2 11.1 16.7



#44
Trichloroethene
Concen: 20.613 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion:130 Resp: 47043
Ion Ratio Lower Upper
130 100
95 102.8 0.0 220.0





#45

1,2-Dichloropropane

Concen: 21.589 ug/l

RT: 9.373 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

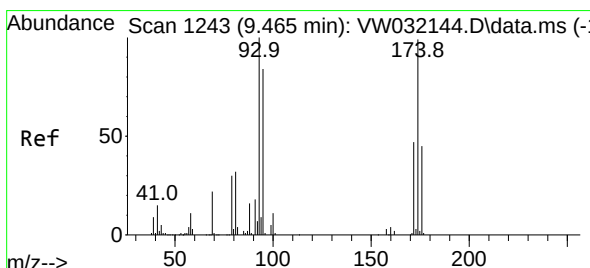
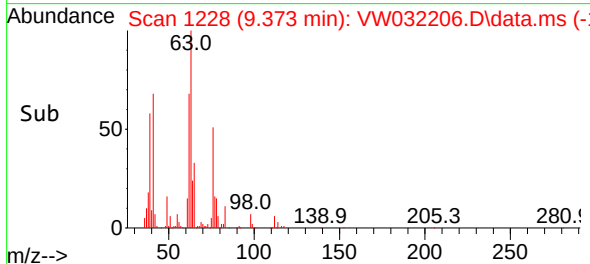
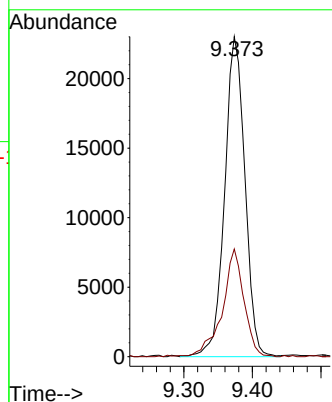
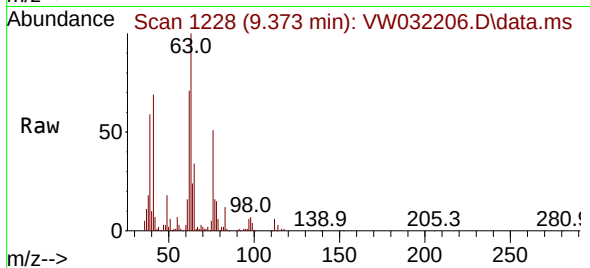
ClientSampleId :

Tgt Ion: 63 Resp: 47229

Ion Ratio Lower Upper

63 100

65 33.7 24.3 36.5



#46

Dibromomethane

Concen: 21.023 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

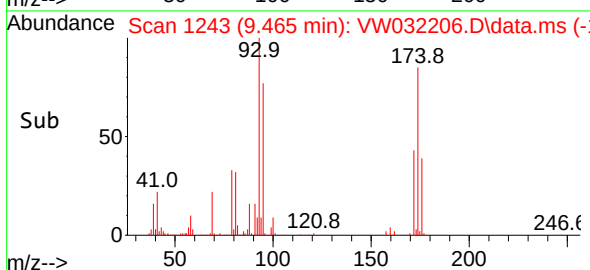
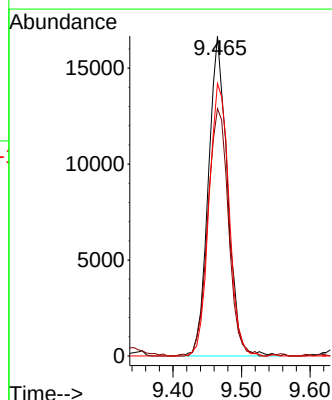
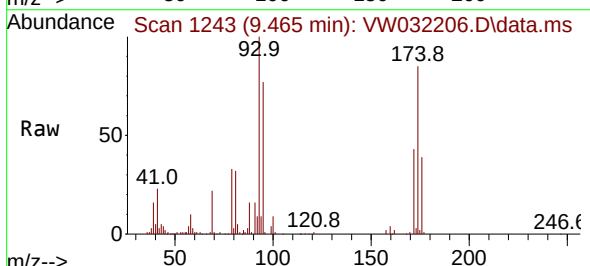
Tgt Ion: 93 Resp: 32257

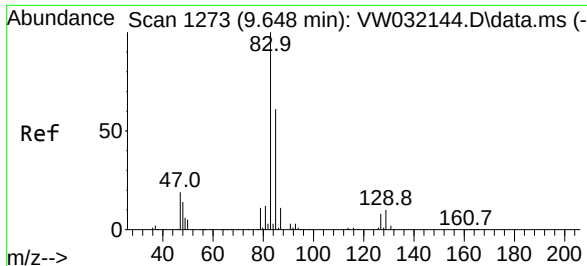
Ion Ratio Lower Upper

93 100

95 83.5 67.4 101.2

174 89.0 75.7 113.5

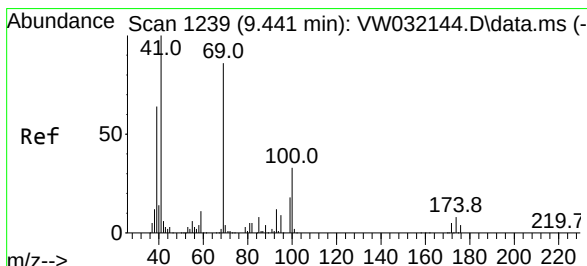
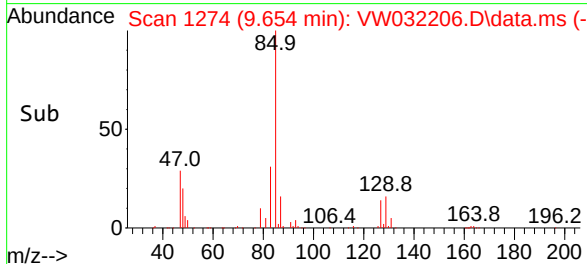
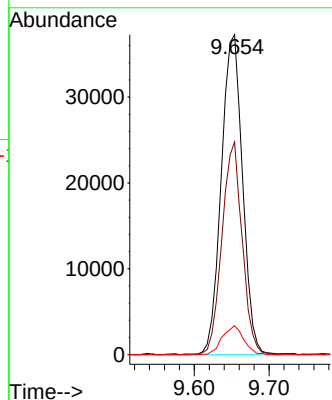
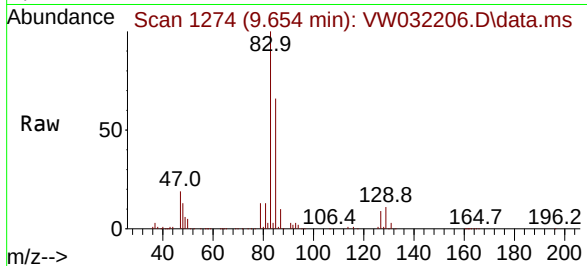




#47
Bromodichloromethane
Concen: 21.177 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

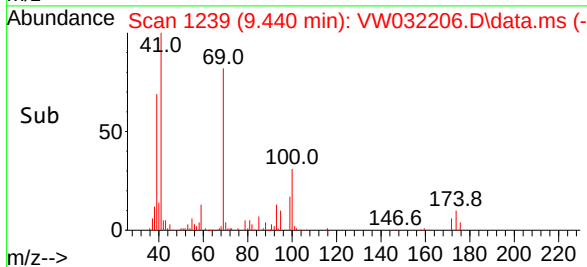
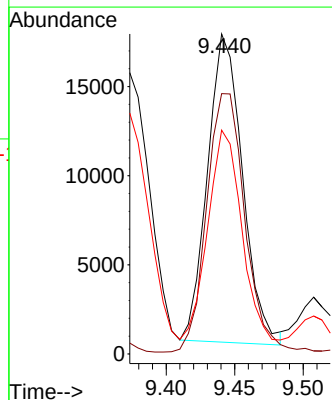
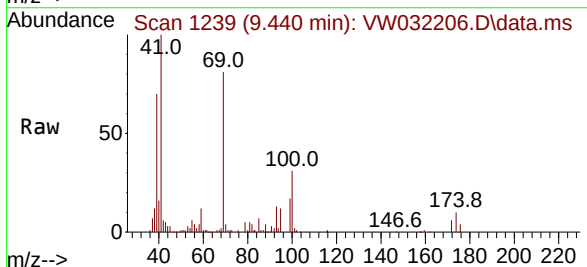
Instrument :
MSVOA_W
ClientSampleId :

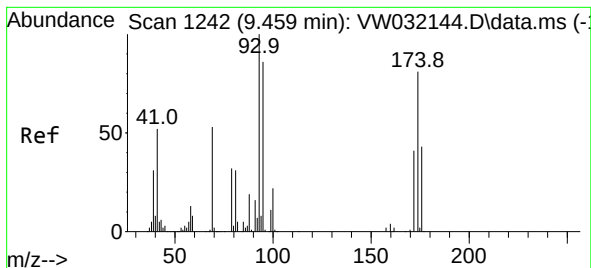
Tgt Ion: 83 Resp: 73843
Ion Ratio Lower Upper
83 100
85 66.5 48.7 73.1
127 9.0 6.4 9.6



#48
Methyl methacrylate
Concen: 20.159 ug/l
RT: 9.440 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion: 41 Resp: 30695
Ion Ratio Lower Upper
41 100
69 93.5 71.5 107.3
39 66.5 55.9 83.9





#49

1,4-Dioxane

Concen: 407.680 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

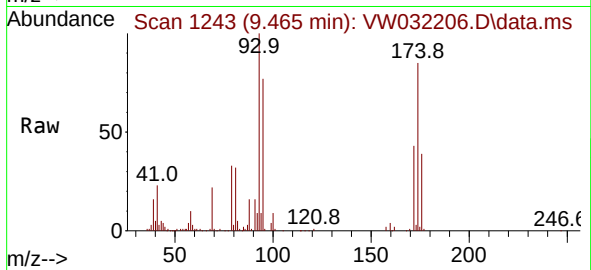
Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

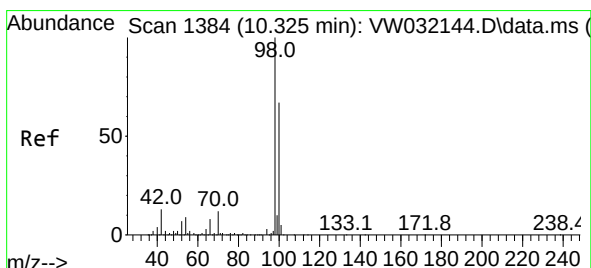
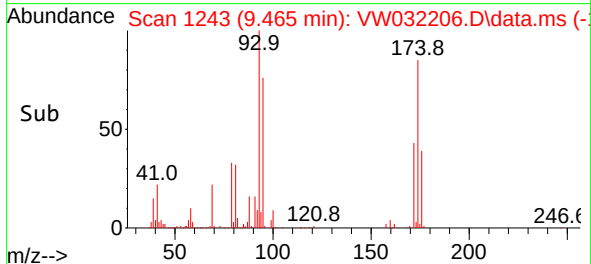
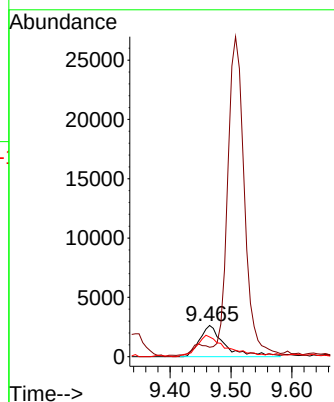
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	88	Resp:	7558
Ion	Ratio	Lower	Upper
88	100		
43	29.5	18.0	27.0#
58	79.7	55.4	83.0



#50

Toluene-d8

Concen: 52.653 ug/l

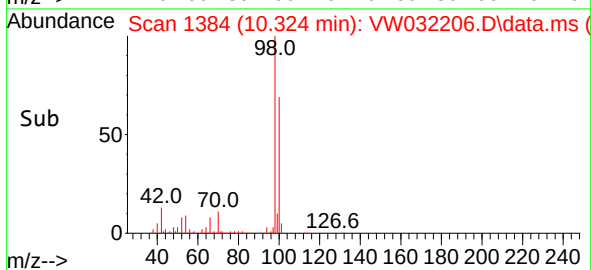
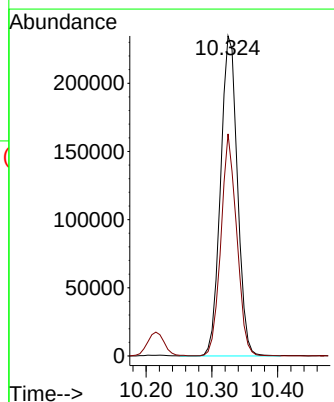
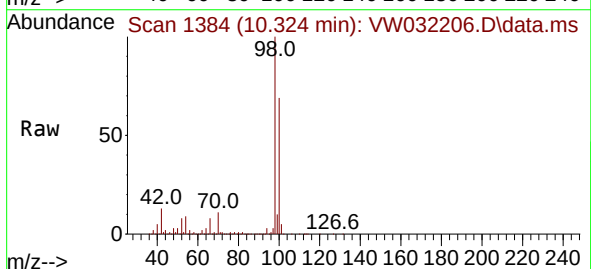
RT: 10.324 min Scan# 1384

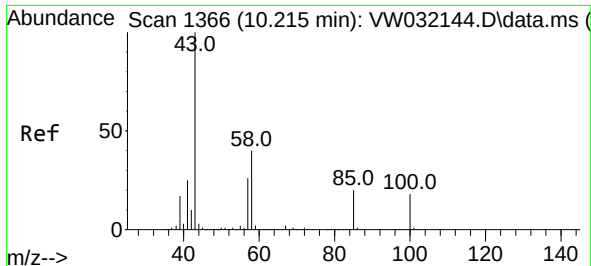
Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Tgt Ion:	98	Resp:	418526
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.4	77.2

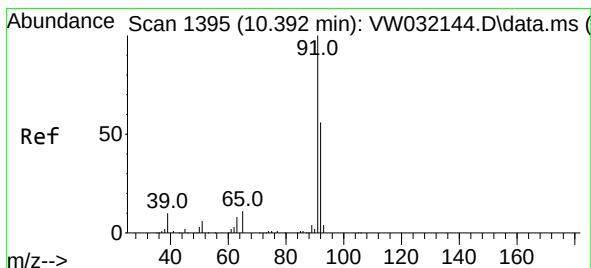
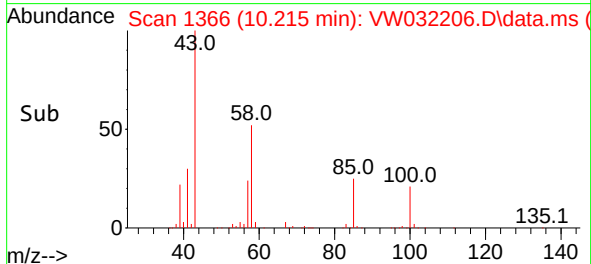
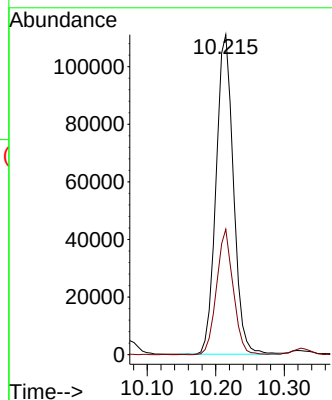
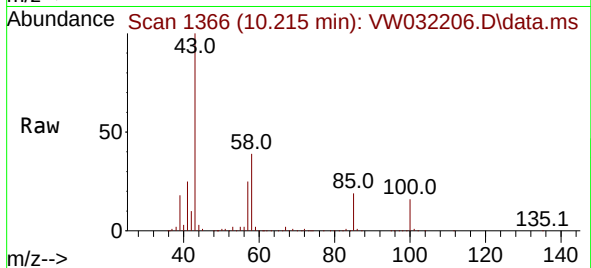




#51
4-Methyl-2-Pentanone
Concen: 104.612 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

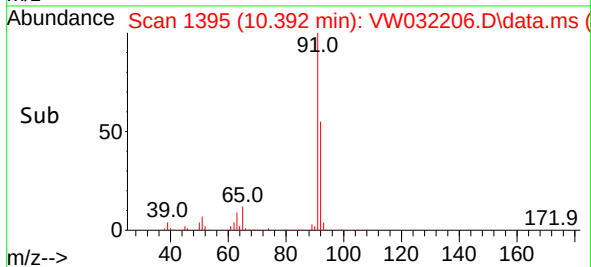
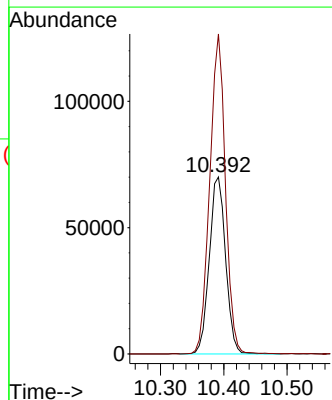
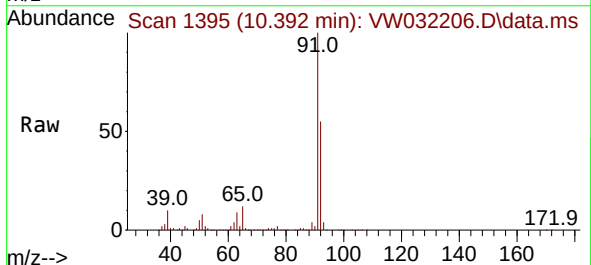
Instrument :
MSVOA_W
ClientSampleId :

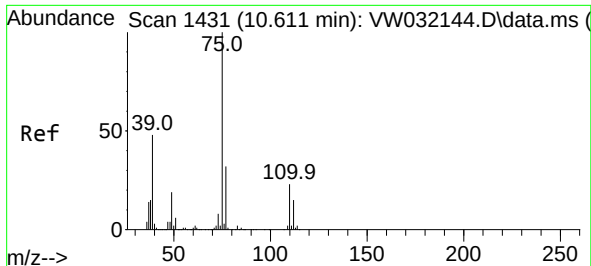
Tgt Ion: 43 Resp: 195163
Ion Ratio Lower Upper
43 100
58 37.5 32.0 48.0



#52
Toluene
Concen: 21.219 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion: 92 Resp: 125837
Ion Ratio Lower Upper
92 100
91 173.2 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 20.743 ug/l

RT: 10.605 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

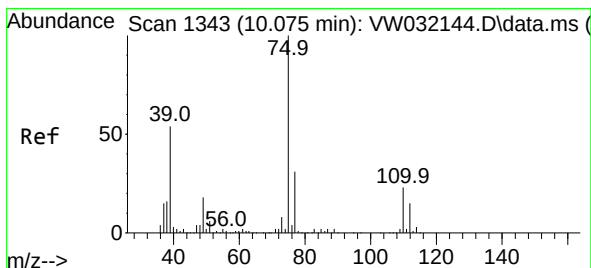
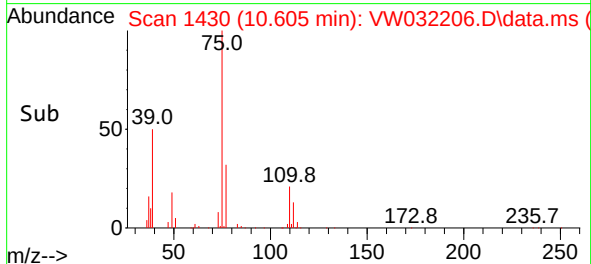
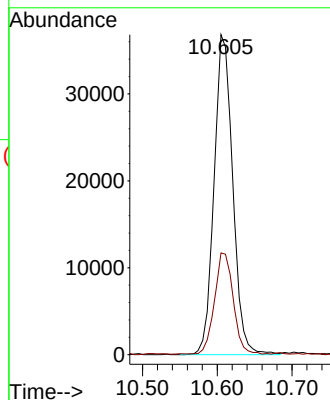
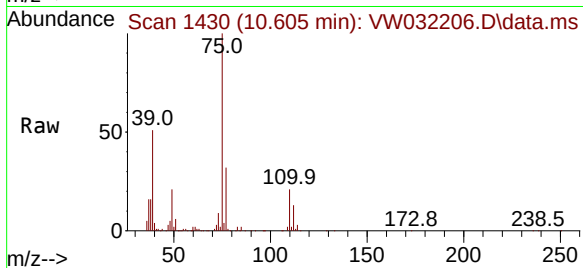
ClientSampleId :

Tgt Ion: 75 Resp: 63806

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 20.455 ug/l

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

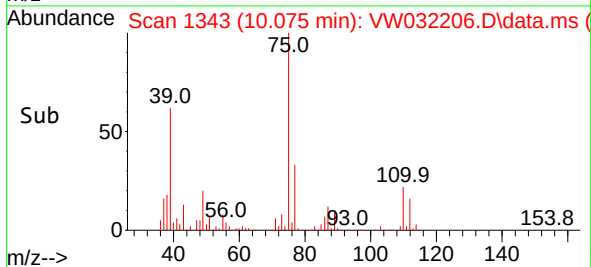
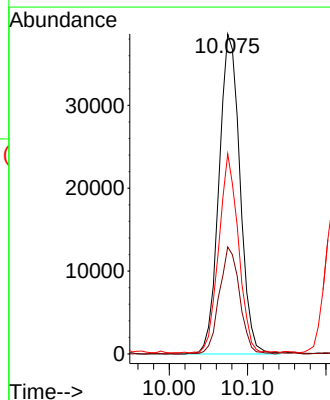
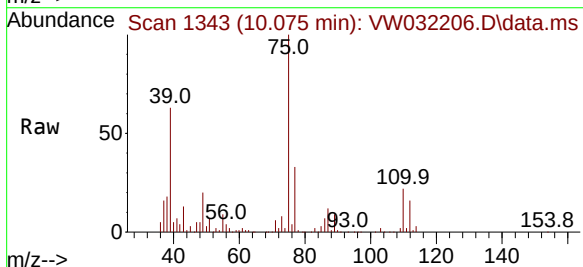
Tgt Ion: 75 Resp: 71794

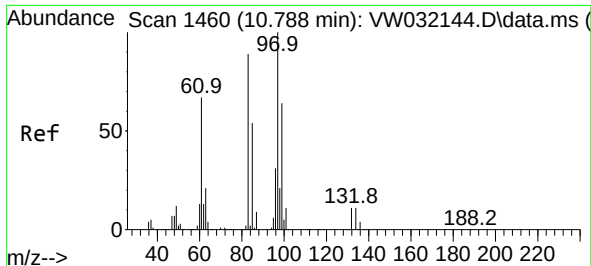
Ion Ratio Lower Upper

75 100

77 33.5 25.1 37.7

39 62.2 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 21.264 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 42428

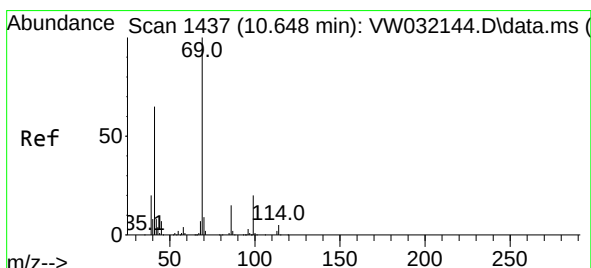
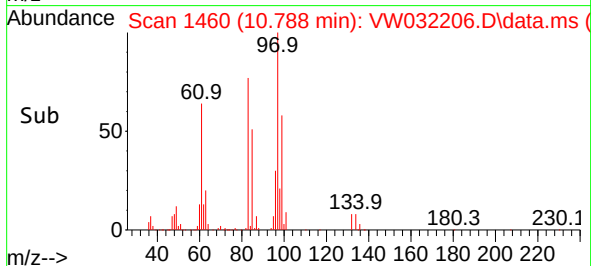
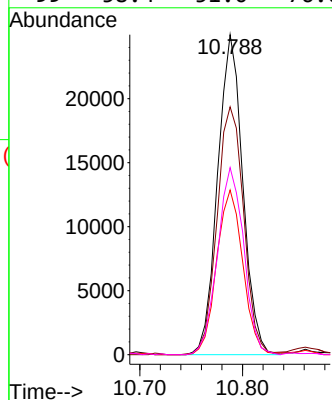
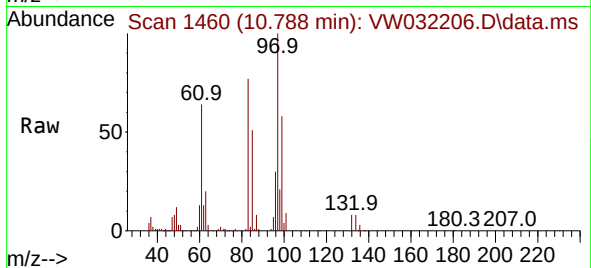
Ion Ratio Lower Upper

97 100

83 77.5 71.0 106.6

85 51.5 42.8 64.2

99 58.4 51.0 76.6



#56

Ethyl methacrylate

Concen: 19.660 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

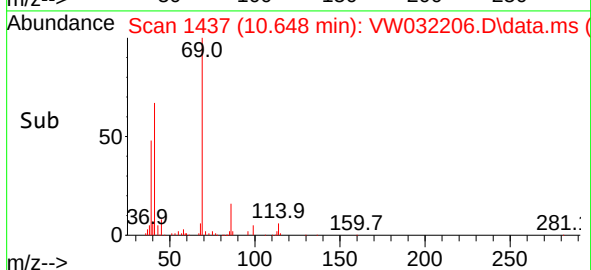
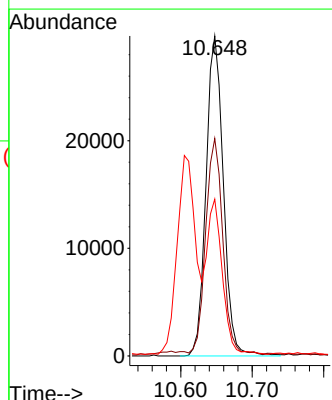
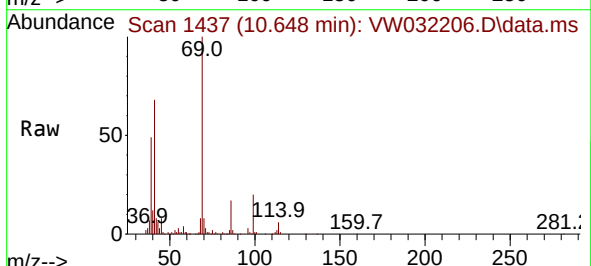
Tgt Ion: 69 Resp: 50150

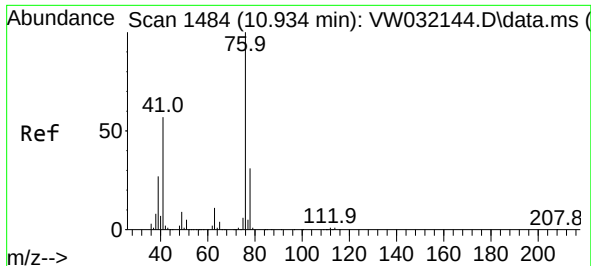
Ion Ratio Lower Upper

69 100

41 66.7 53.2 79.8

39 43.4 32.9 49.3





#57

1,3-Dichloropropane

Concen: 20.524 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

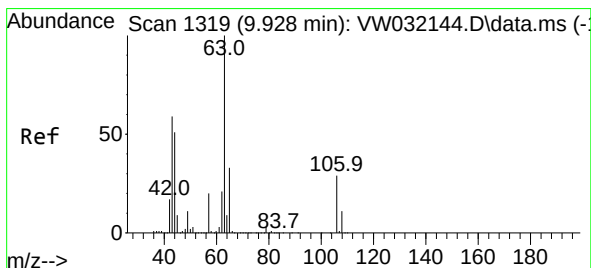
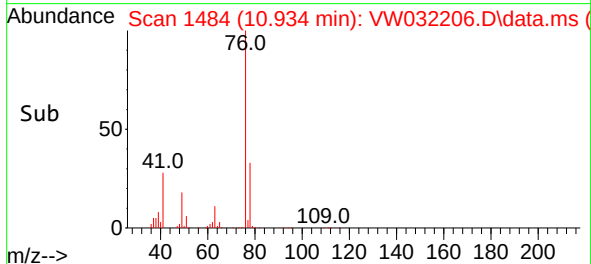
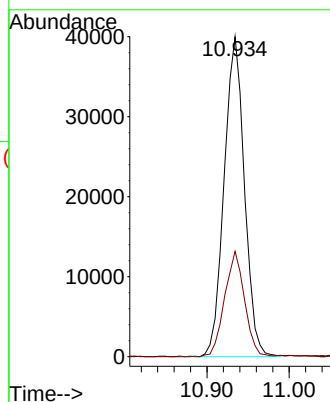
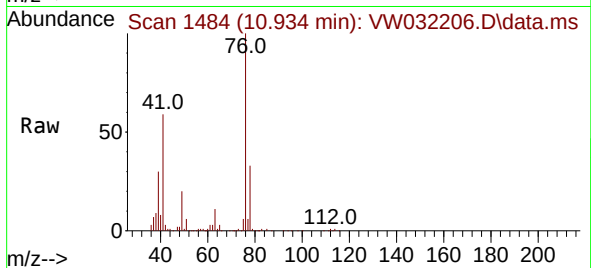
ClientSampleId :

Tgt Ion: 76 Resp: 68568

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 96.097 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032206.D

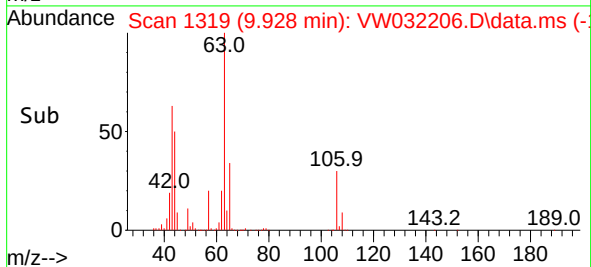
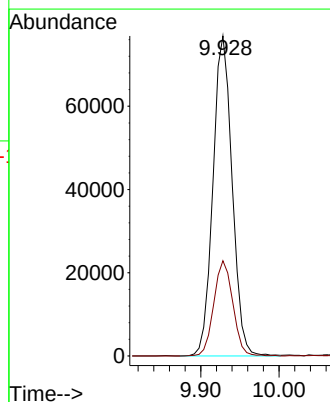
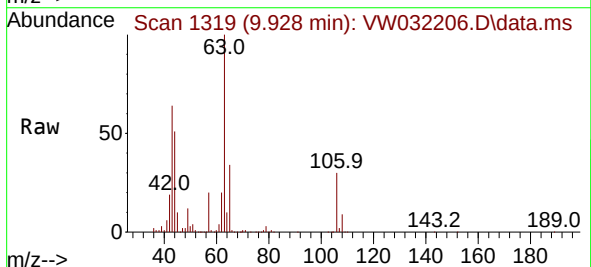
Acq: 19 Sep 2025 10:35

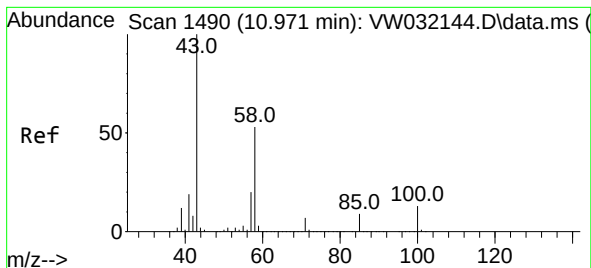
Tgt Ion: 63 Resp: 130841

Ion Ratio Lower Upper

63 100

106 29.5 24.3 36.5

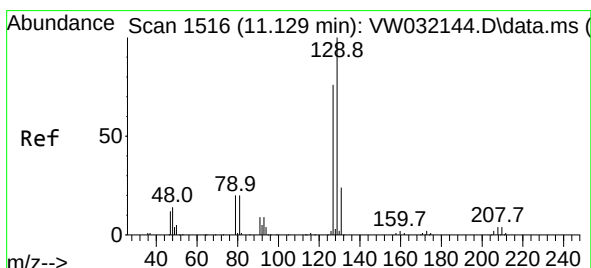
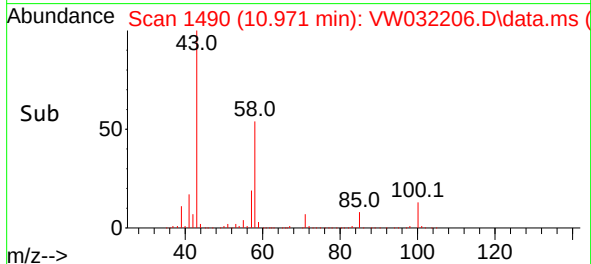
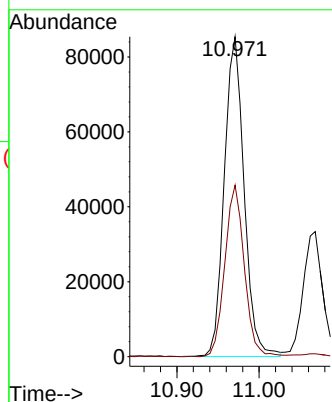
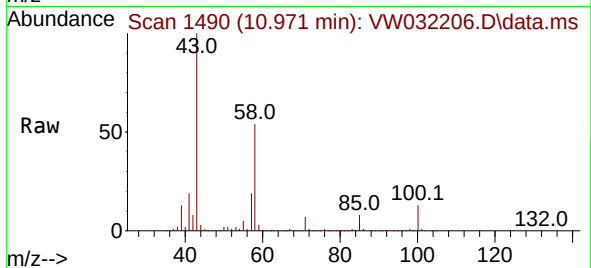




#59
2-Hexanone
Concen: 110.408 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

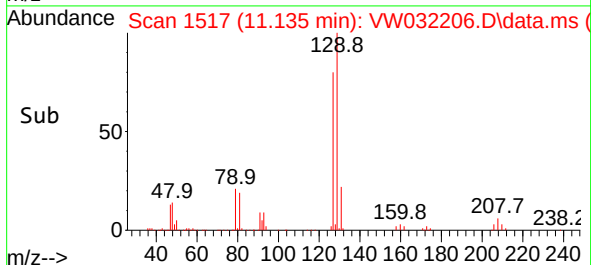
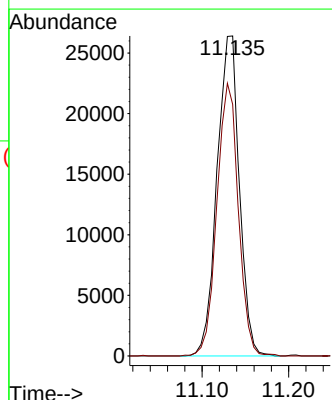
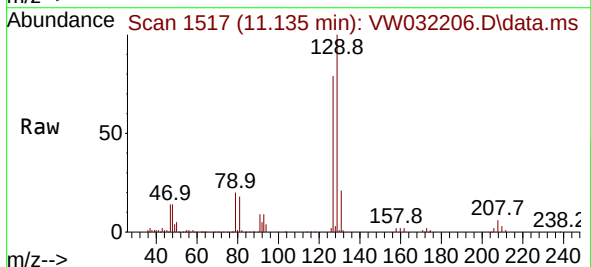
Instrument :
MSVOA_W
ClientSampleId :

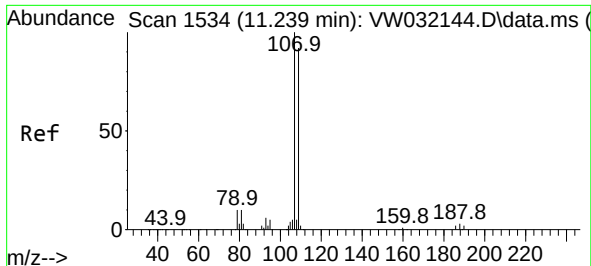
Tgt Ion: 43 Resp: 143252
Ion Ratio Lower Upper
43 100
58 52.9 27.5 82.4



#60
Dibromochloromethane
Concen: 19.631 ug/l
RT: 11.135 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion:129 Resp: 47396
Ion Ratio Lower Upper
129 100
127 81.8 38.1 114.5

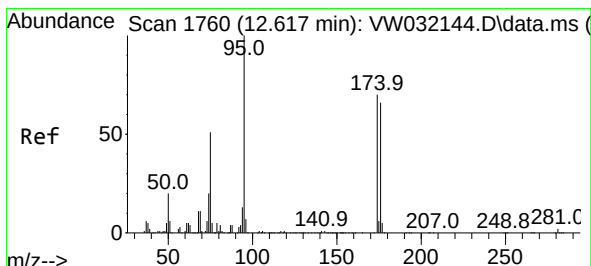
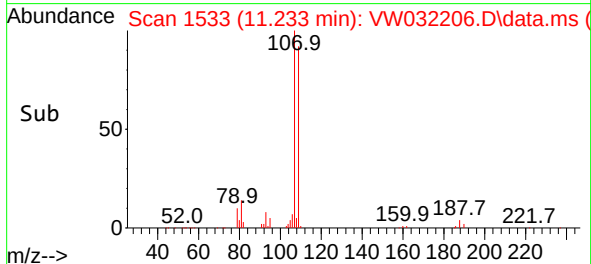
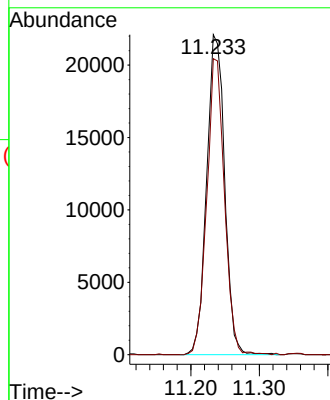
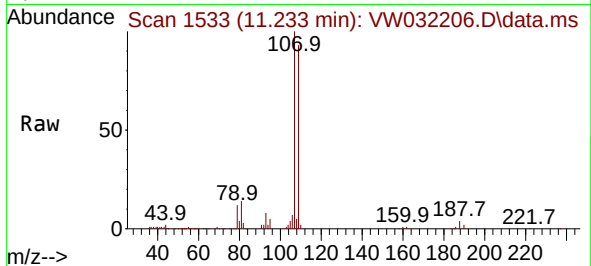




#61
1,2-Dibromoethane
Concen: 20.600 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

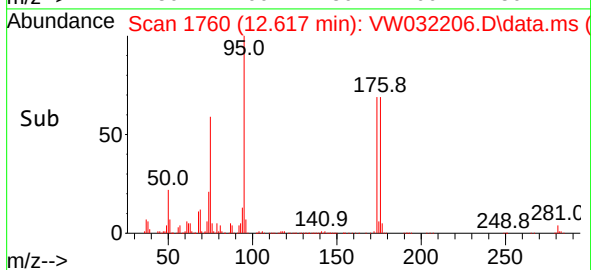
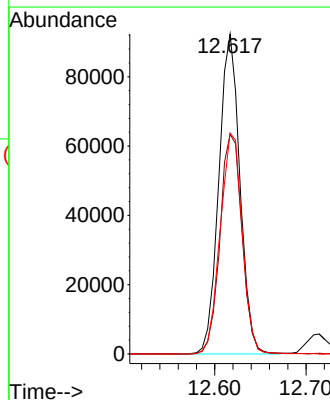
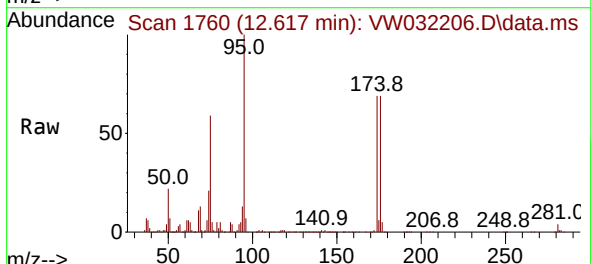
Instrument :
MSVOA_W
ClientSampleId :

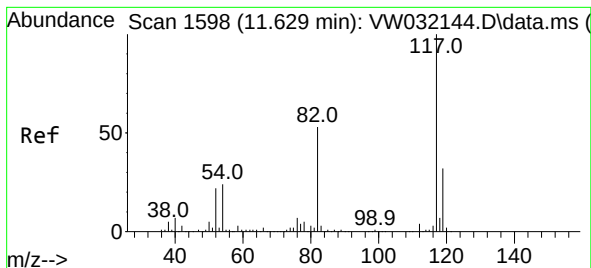
Tgt Ion:107 Resp: 40421
Ion Ratio Lower Upper
107 100
109 90.7 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 50.268 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion: 95 Resp: 147752
Ion Ratio Lower Upper
95 100
174 71.8 0.0 145.6
176 72.3 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

ClientSampleId :

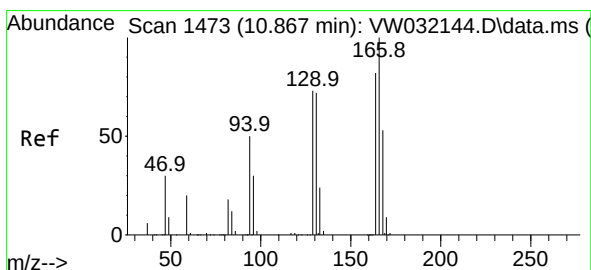
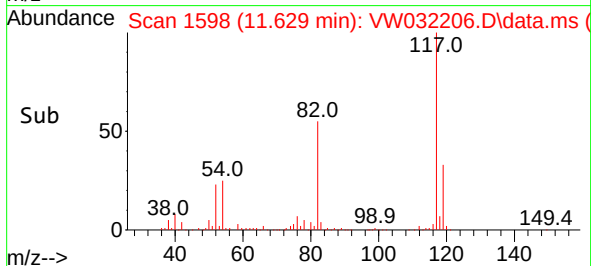
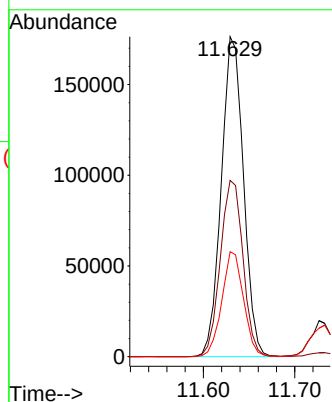
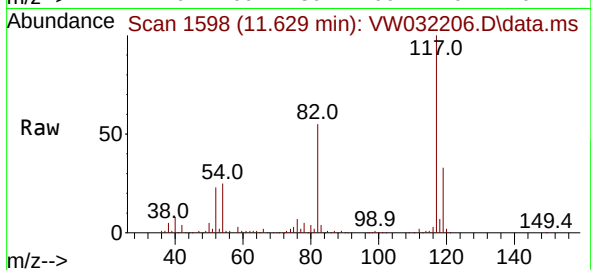
Tgt Ion:117 Resp: 298059

Ion Ratio Lower Upper

117 100

82 55.1 42.7 64.1

119 32.8 25.2 37.8



#64

Tetrachloroethene

Concen: 20.144 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Tgt Ion:164 Resp: 39516

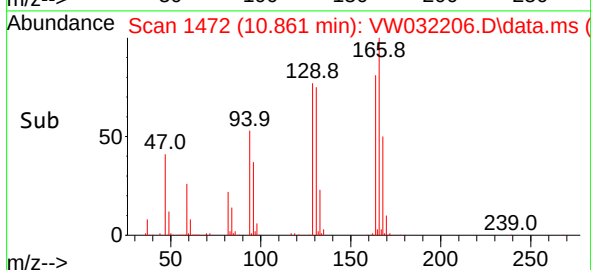
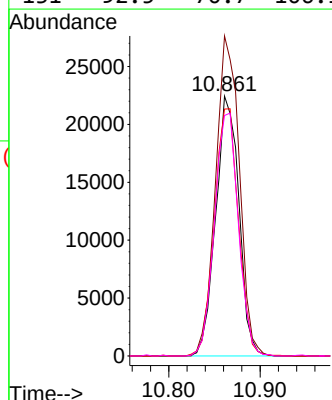
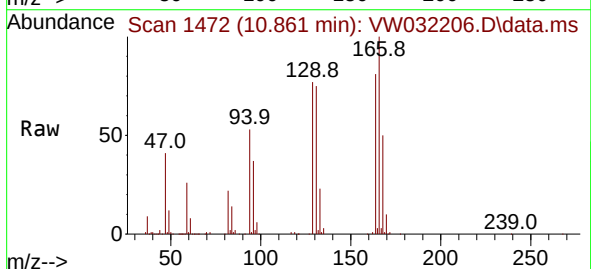
Ion Ratio Lower Upper

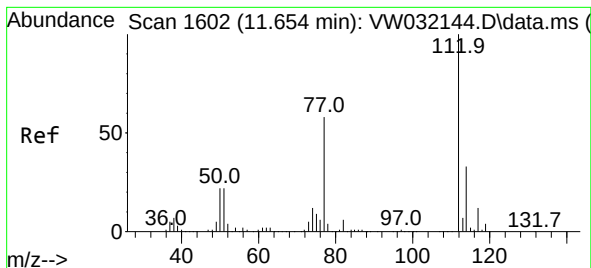
164 100

166 123.2 97.5 146.3

129 95.0 71.2 106.8

131 92.5 70.7 106.1

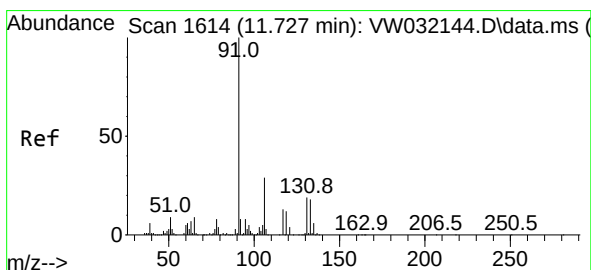
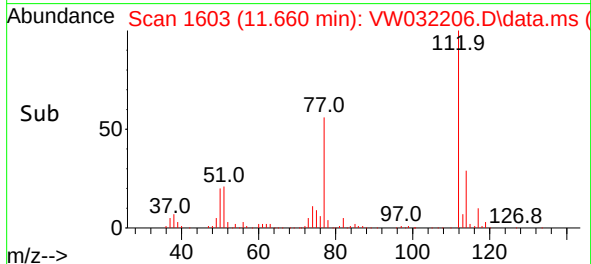
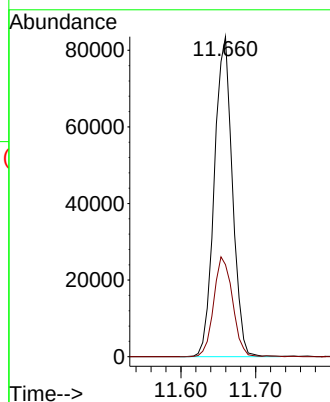
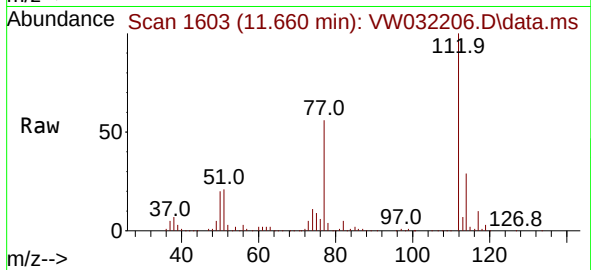




#65
Chlorobenzene
Concen: 20.650 ug/l
RT: 11.660 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

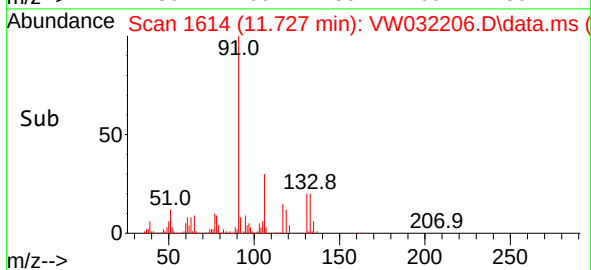
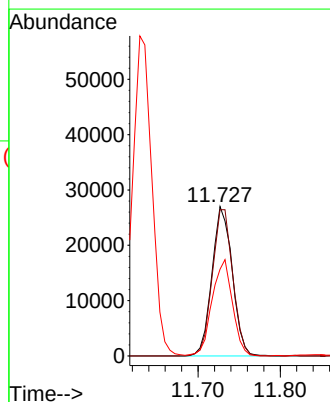
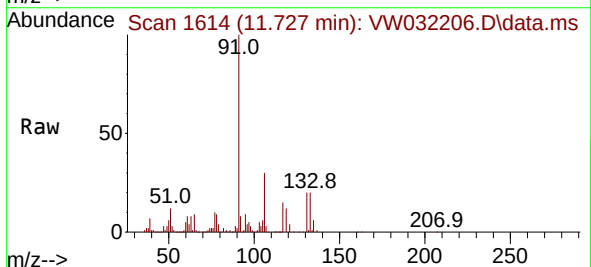
Instrument :
MSVOA_W
ClientSampleId :

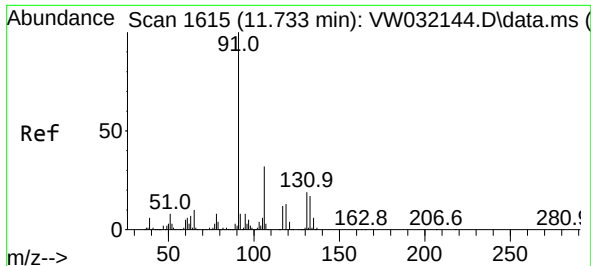
Tgt Ion:112 Resp: 140097
Ion Ratio Lower Upper
112 100
114 28.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.772 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion:131 Resp: 46396
Ion Ratio Lower Upper
131 100
133 98.7 47.7 143.1
119 64.6 32.8 98.3





#67

Ethyl Benzene

Concen: 20.576 ug/l

RT: 11.733 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

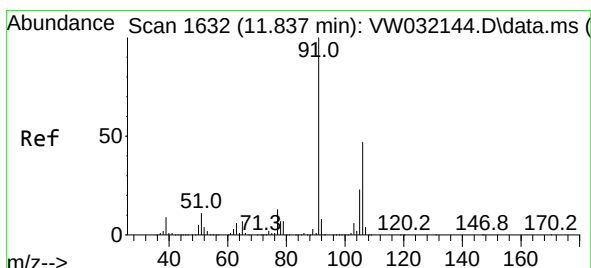
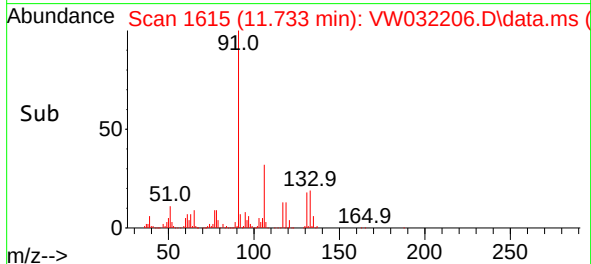
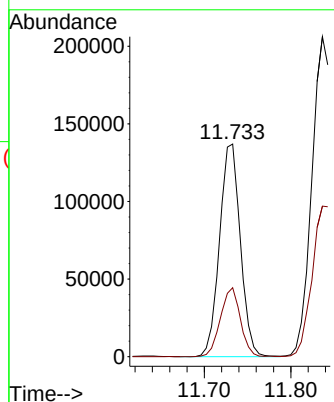
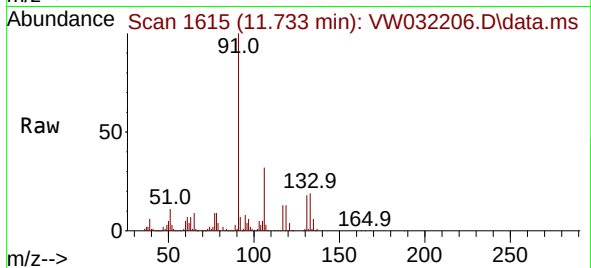
ClientSampleId :

Tgt Ion: 91 Resp: 228718

Ion Ratio Lower Upper

91 100

106 32.4 25.3 37.9



#68

m/p-Xylenes

Concen: 42.545 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032206.D

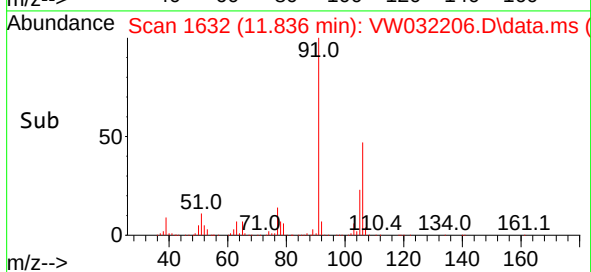
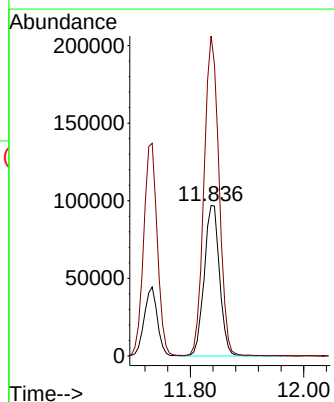
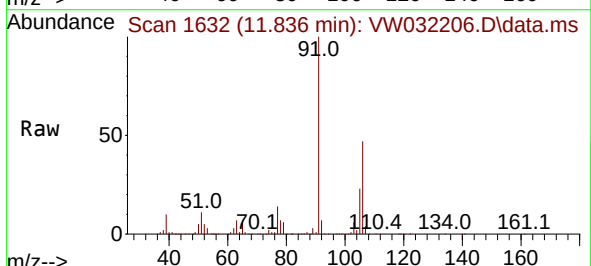
Acq: 19 Sep 2025 10:35

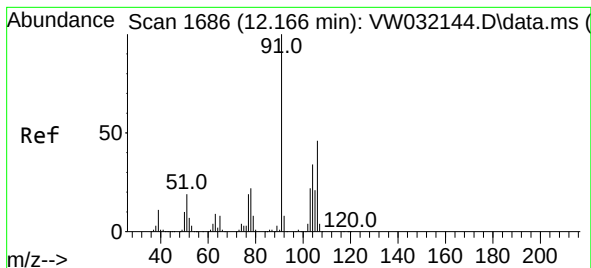
Tgt Ion:106 Resp: 182004

Ion Ratio Lower Upper

106 100

91 207.3 164.2 246.2





#69

o-Xylene

Concen: 20.317 ug/l

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

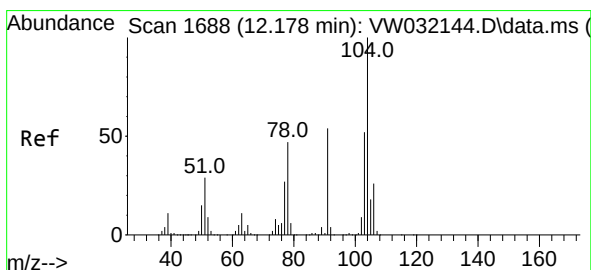
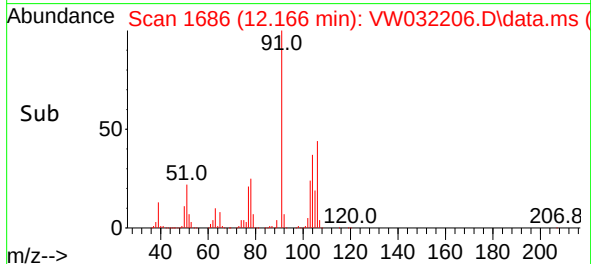
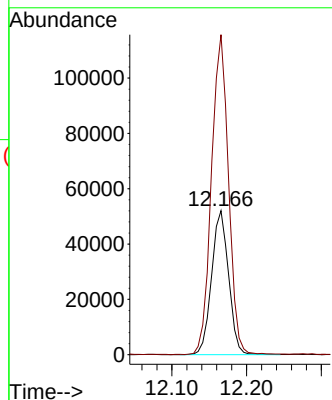
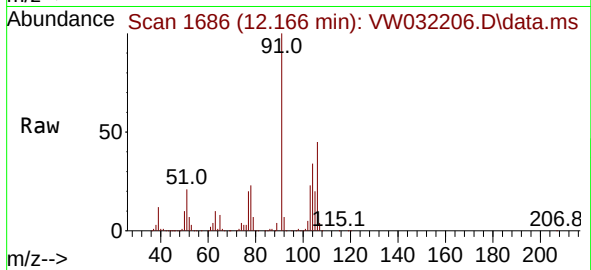
ClientSampleId :

Tgt Ion:106 Resp: 82211

Ion Ratio Lower Upper

106 100

91 223.6 108.7 326.3



#70

Styrene

Concen: 20.723 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

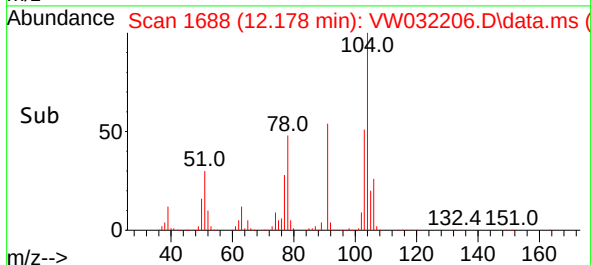
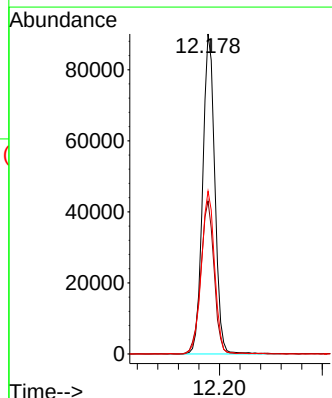
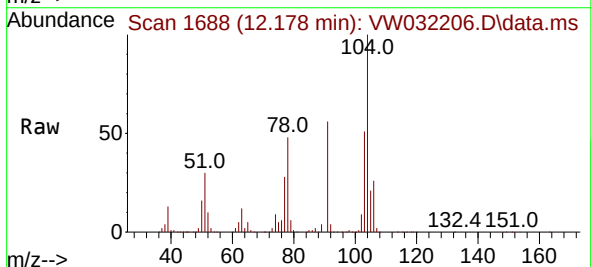
Tgt Ion:104 Resp: 147821

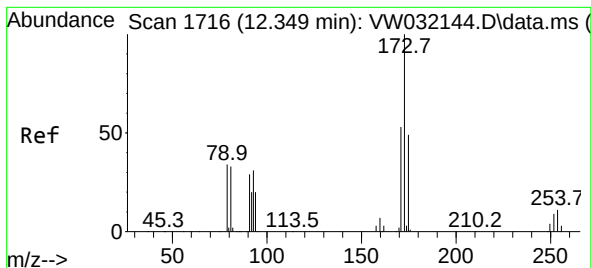
Ion Ratio Lower Upper

104 100

78 51.9 41.6 62.4

103 55.3 44.8 67.2





#71

Bromoform

Concen: 19.899 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

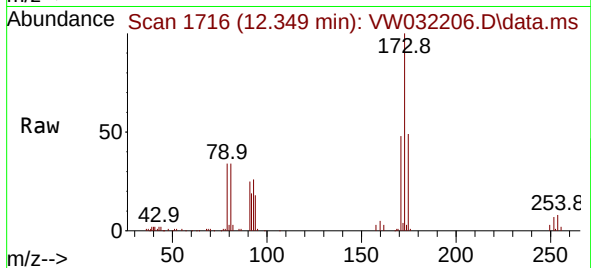
Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

ClientSampleId :



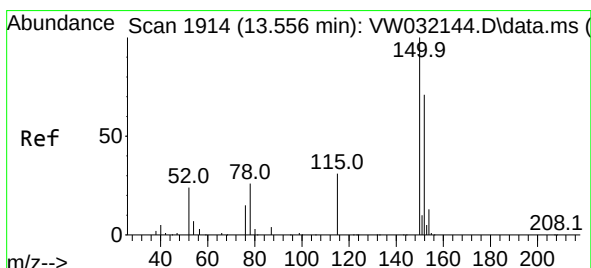
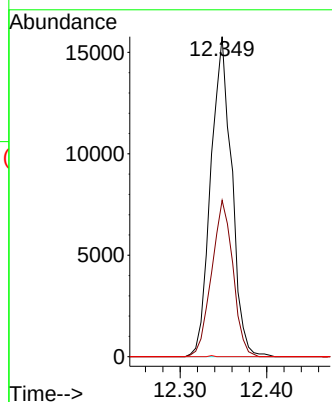
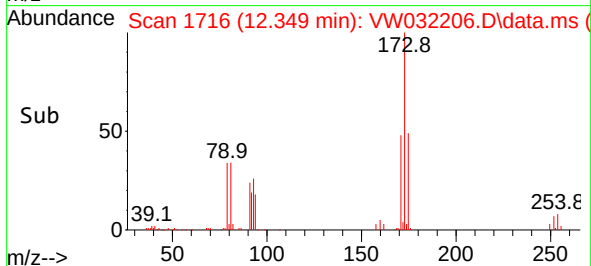
Tgt Ion:173 Resp: 26398

Ion Ratio Lower Upper

173 100

175 49.8 24.9 74.7

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

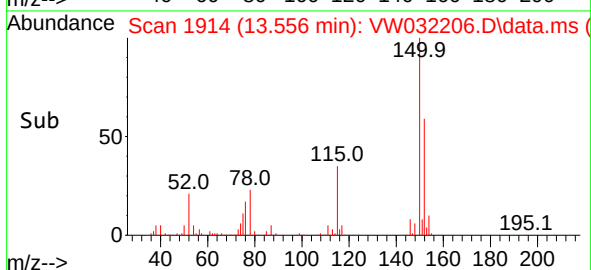
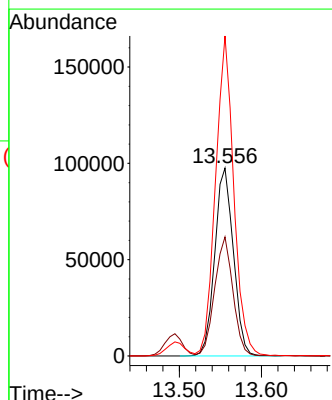
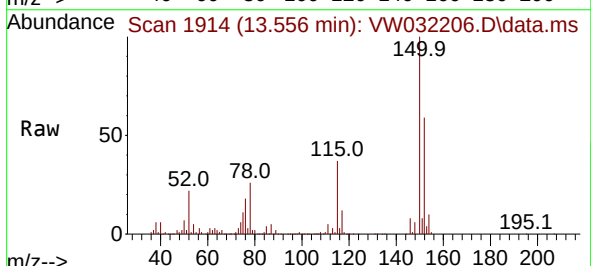
Tgt Ion:152 Resp: 153629

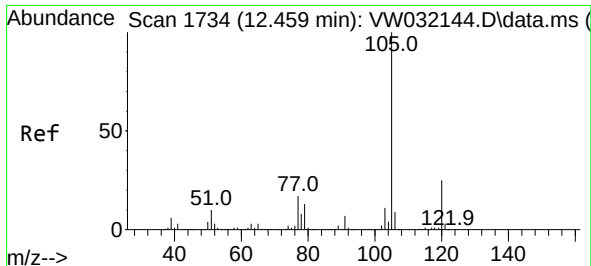
Ion Ratio Lower Upper

152 100

115 62.2 31.8 95.4

150 166.8 0.0 343.0

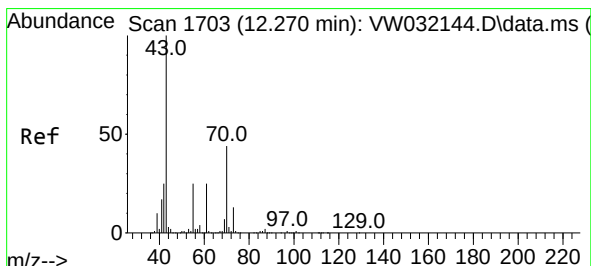
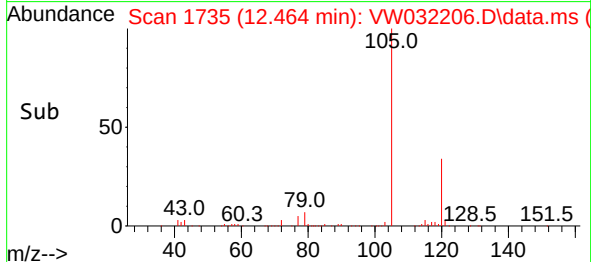
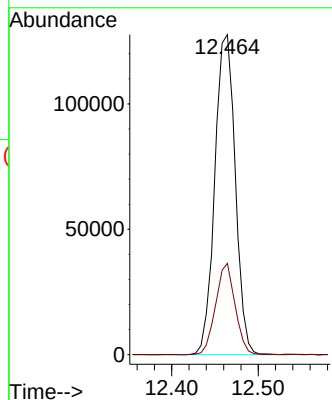
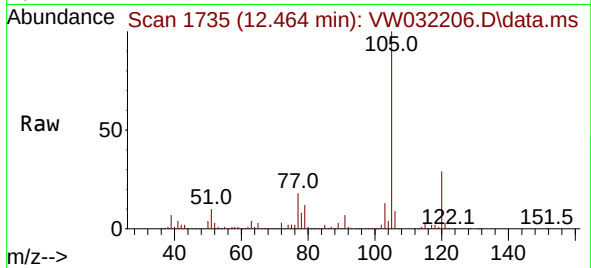




#73
Isopropylbenzene
Concen: 20.086 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

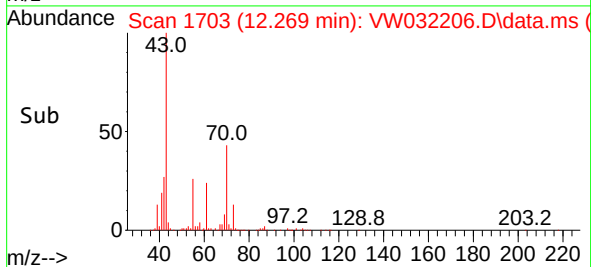
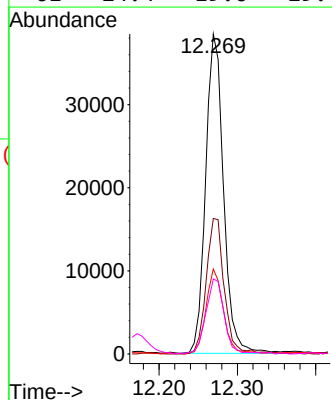
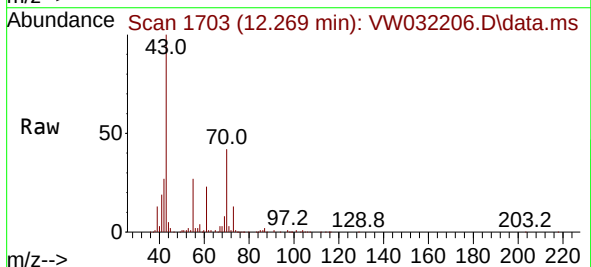
Instrument :
MSVOA_W
ClientSampleId :

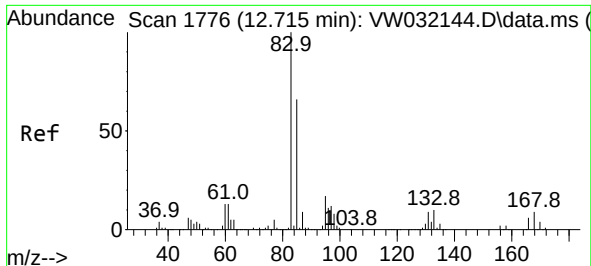
Tgt Ion:105 Resp: 209635
Ion Ratio Lower Upper
105 100
120 27.2 13.0 38.9



#74
N-ethyl acetate
Concen: 20.072 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion: 43 Resp: 60822
Ion Ratio Lower Upper
43 100
70 43.0 35.3 52.9
55 26.0 19.9 29.9
61 24.4 19.6 29.4

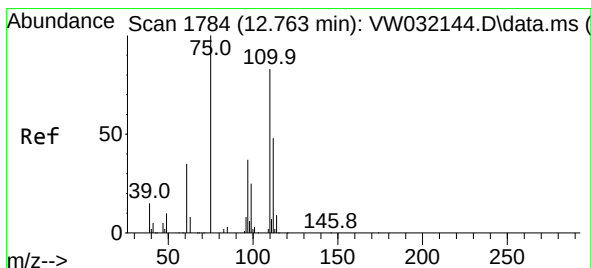
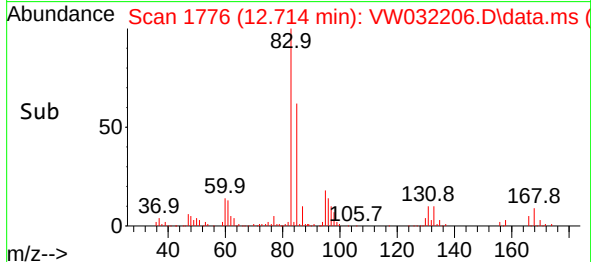
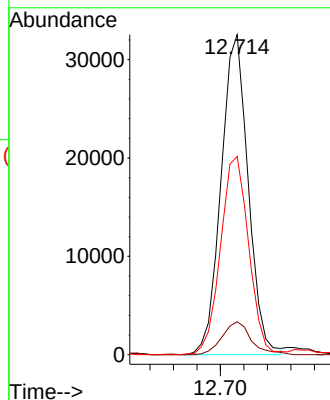
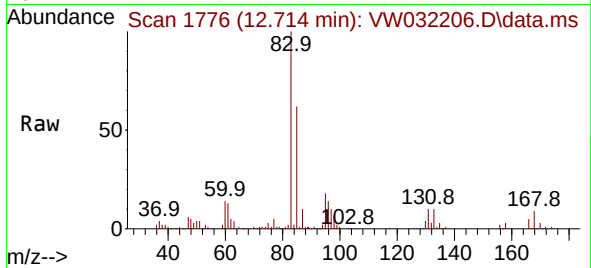




#75
1,1,2,2-Tetrachloroethane
Concen: 20.997 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

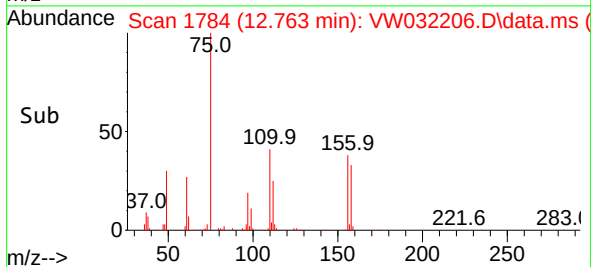
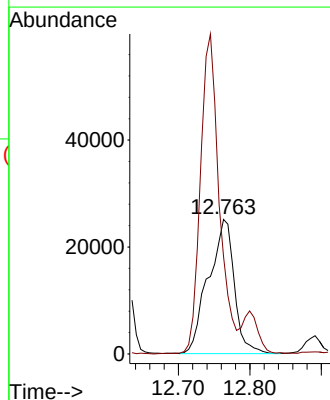
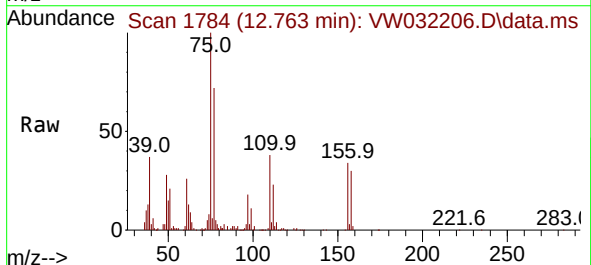
Instrument :
MSVOA_W
ClientSampleId :

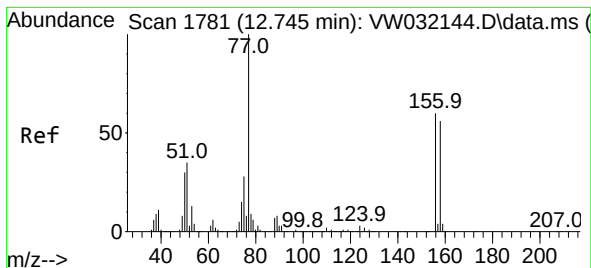
Tgt Ion: 83 Resp: 52081
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.4
85 64.6 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 32.632 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion: 75 Resp: 62806
Ion Ratio Lower Upper
75 100
77 174.4 141.7 425.1





#77

Bromobenzene

Concen: 20.041 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

ClientSampleId :

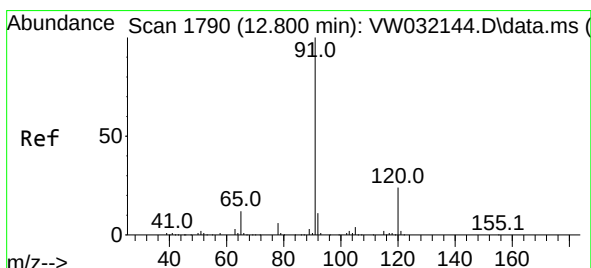
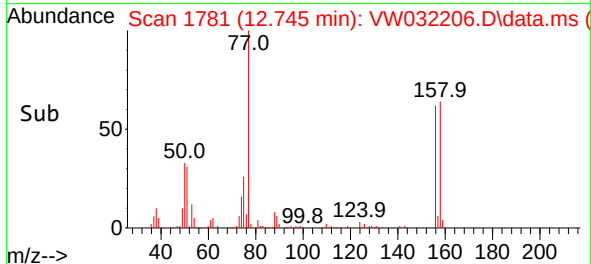
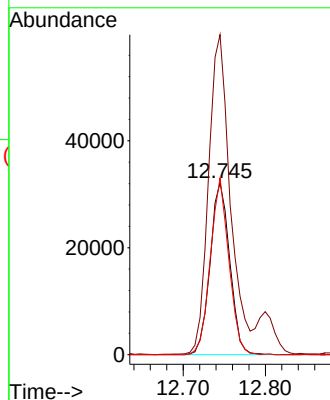
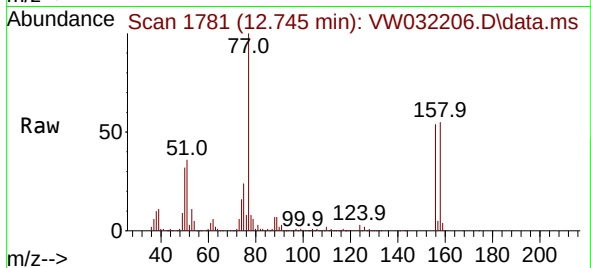
Tgt Ion:156 Resp: 53341

Ion Ratio Lower Upper

156 100

77 205.4 98.6 295.7

158 96.9 48.4 145.0



#78

n-propylbenzene

Concen: 21.940 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032206.D

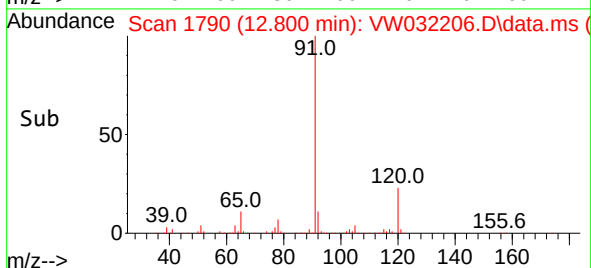
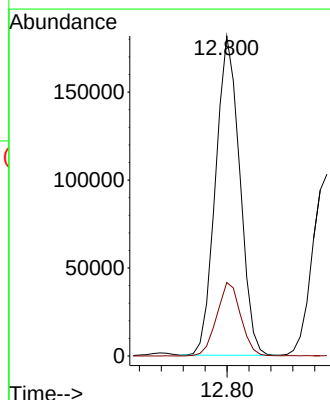
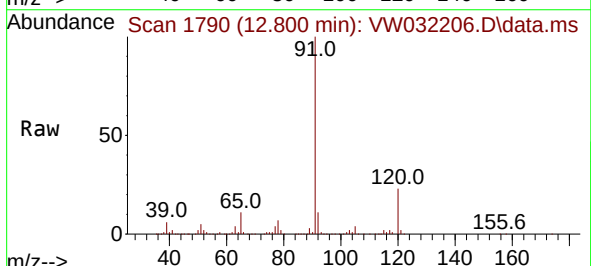
Acq: 19 Sep 2025 10:35

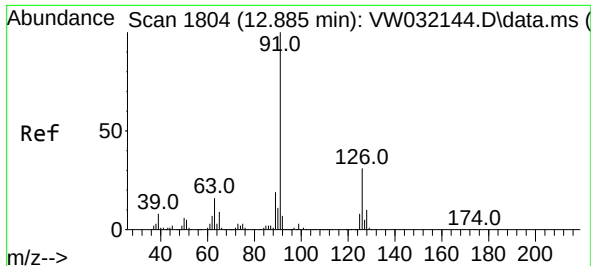
Tgt Ion: 91 Resp: 278005

Ion Ratio Lower Upper

91 100

120 22.9 11.8 35.4

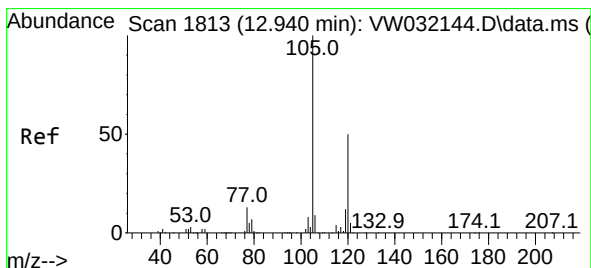
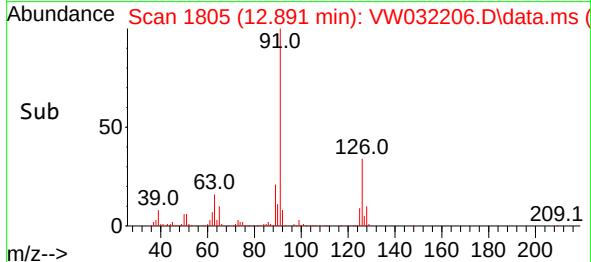
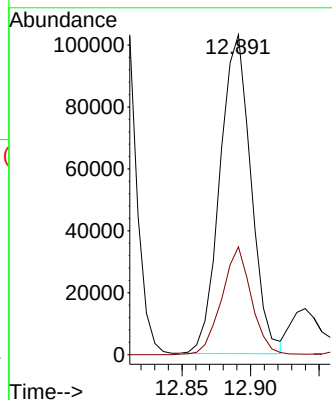
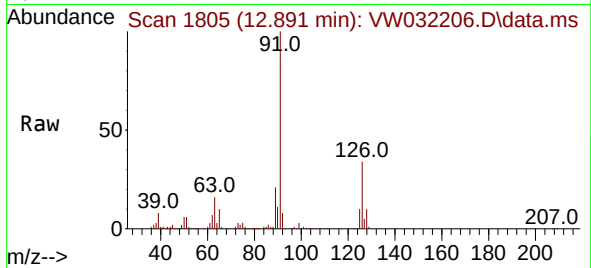




#79
2-Chlorotoluene
Concen: 21.004 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

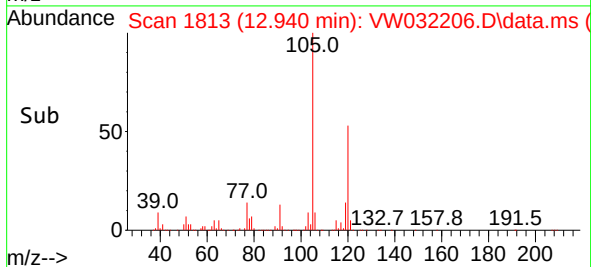
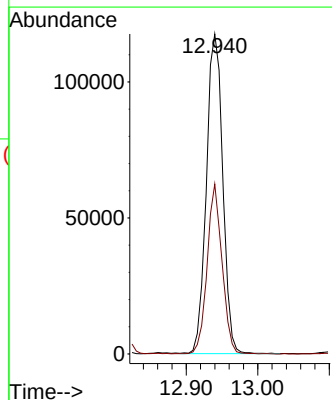
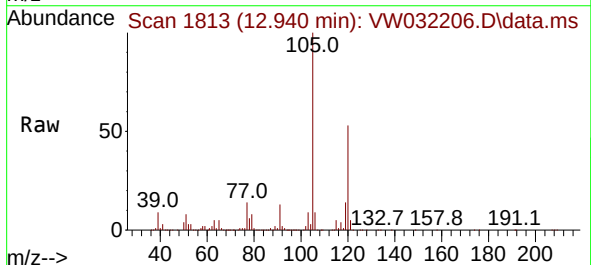
Instrument :
MSVOA_W
ClientSampleId :

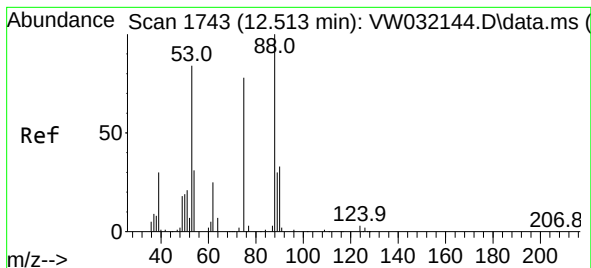
Tgt Ion: 91 Resp: 162749
Ion Ratio Lower Upper
91 100
126 32.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 21.151 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

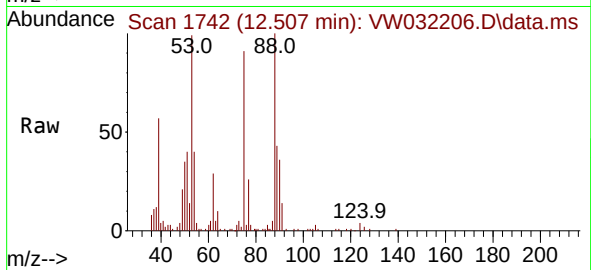
Tgt Ion:105 Resp: 186908
Ion Ratio Lower Upper
105 100
120 48.5 24.8 74.4



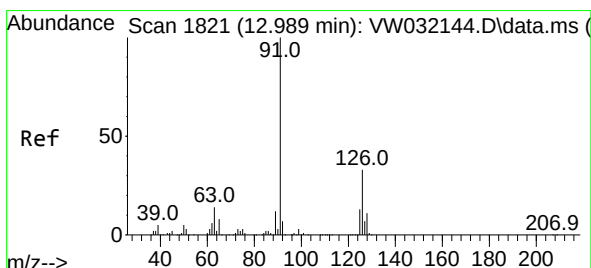
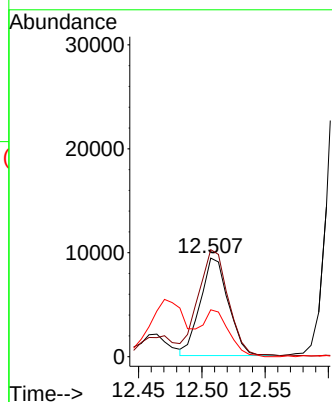
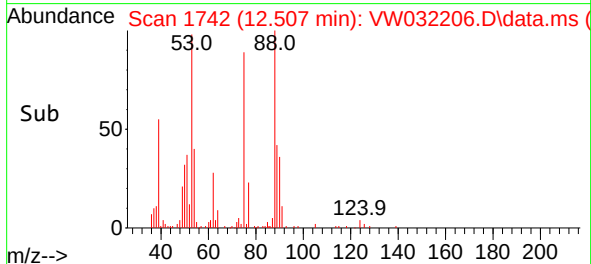


#81
trans-1,4-Dichloro-2-butene
Concen: 20.318 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Instrument :
MSVOA_W
ClientSampleId :

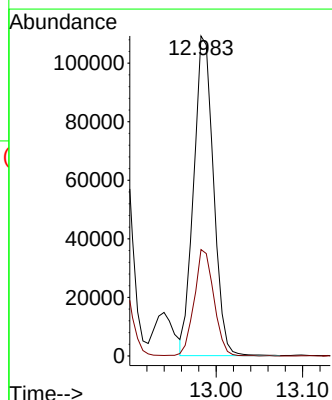
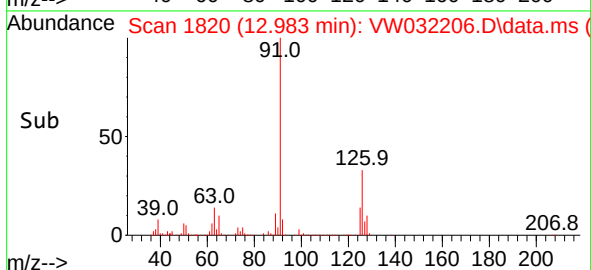
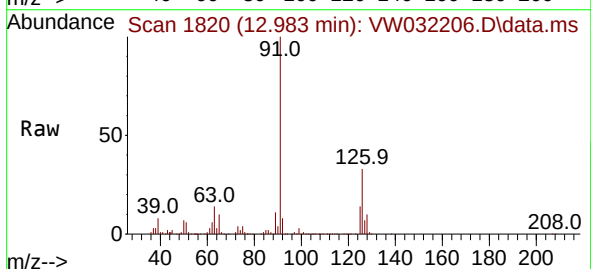


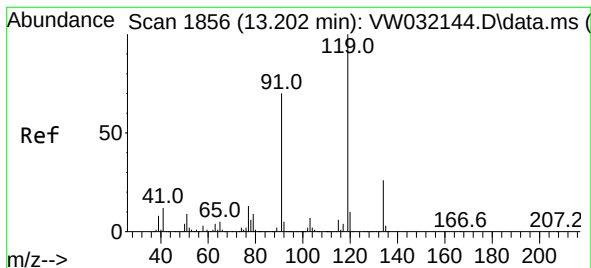
Tgt Ion	Ratio	Lower	Upper
75	100		
53	118.7	91.0	136.6
89	43.7	39.4	59.2



#82
4-Chlorotoluene
Concen: 20.858 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.1	48.2

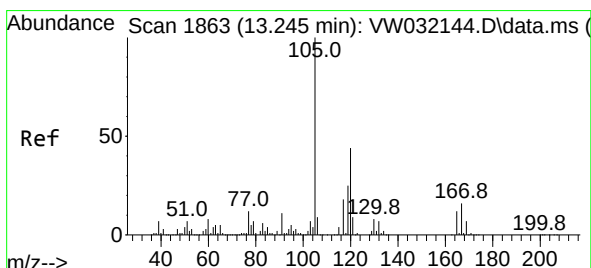
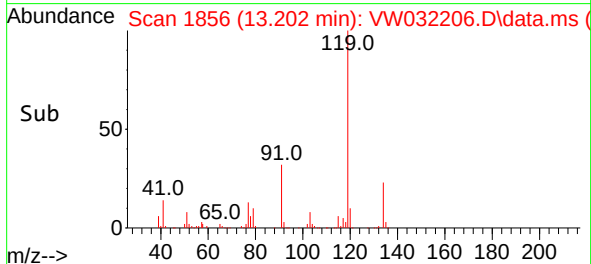
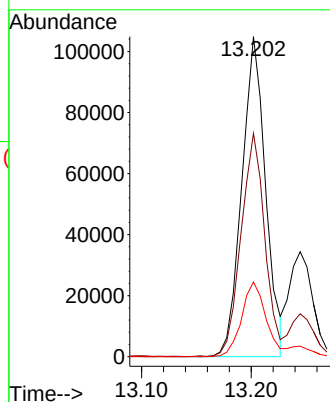
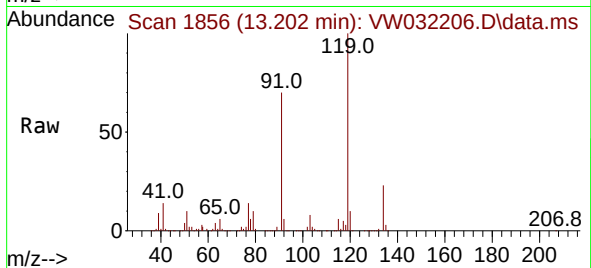




#83
 tert-Butylbenzene
 Concen: 21.052 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: VW032206.D
 Acq: 19 Sep 2025 10:35

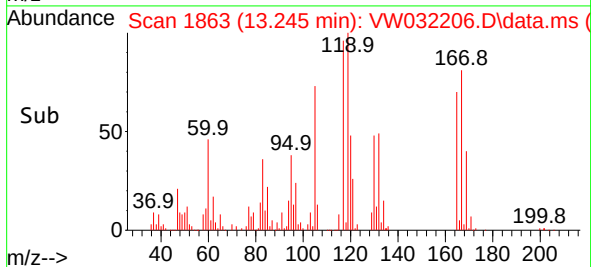
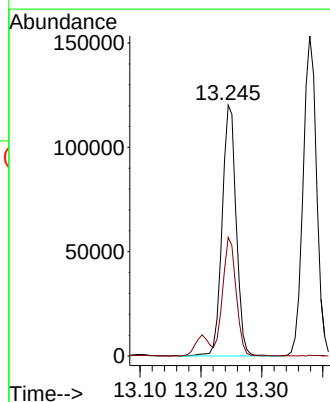
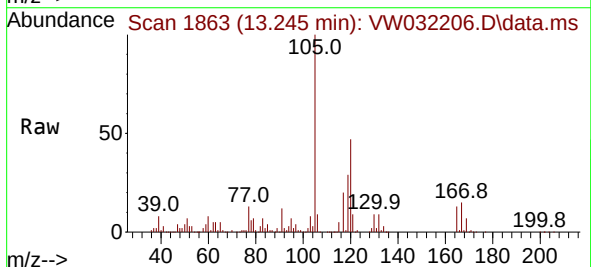
Instrument :
 MSVOA_W
 ClientSampleId :

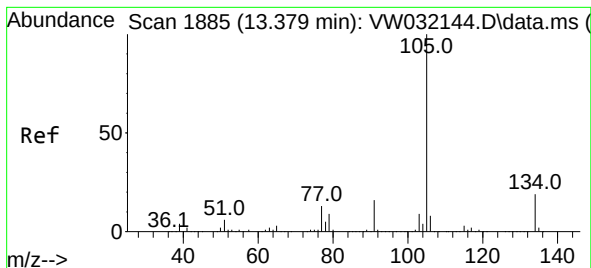
Tgt Ion:119 Resp: 157735
 Ion Ratio Lower Upper
 119 100
 91 69.5 33.8 101.3
 134 24.2 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 21.056 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW032206.D
 Acq: 19 Sep 2025 10:35

Tgt Ion:105 Resp: 192497
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 21.009 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

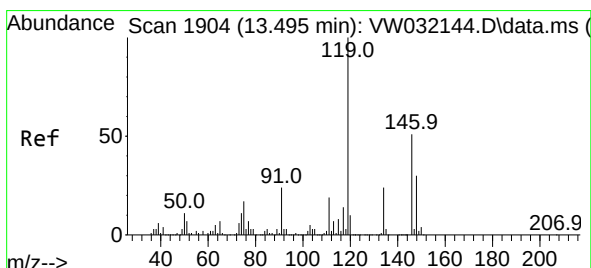
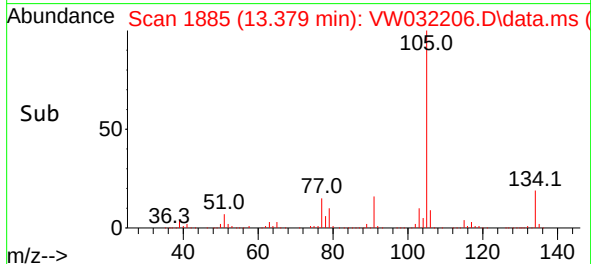
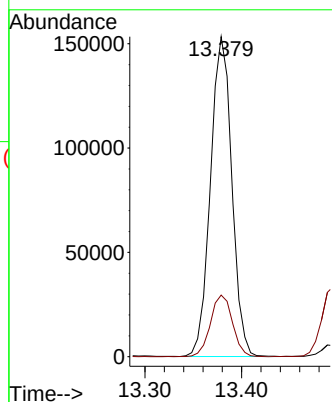
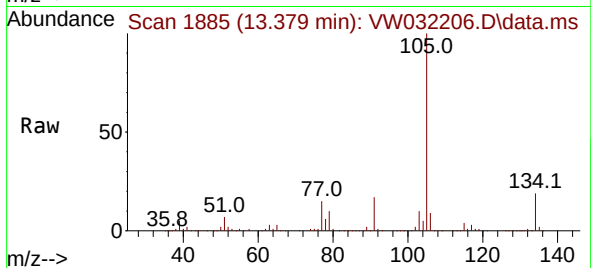
ClientSampleId :

Tgt Ion:105 Resp: 235022

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.020 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

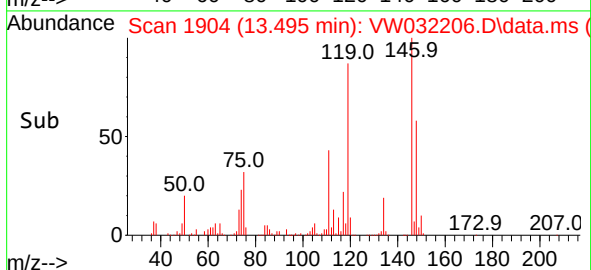
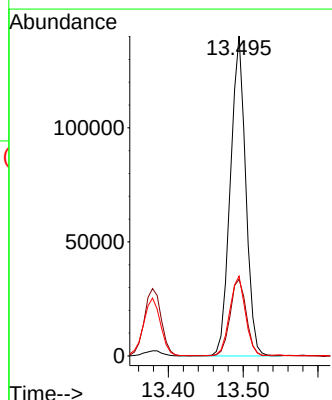
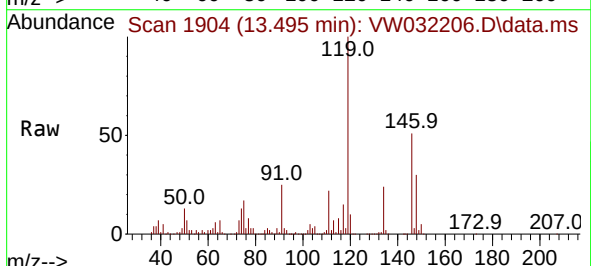
Tgt Ion:119 Resp: 199965

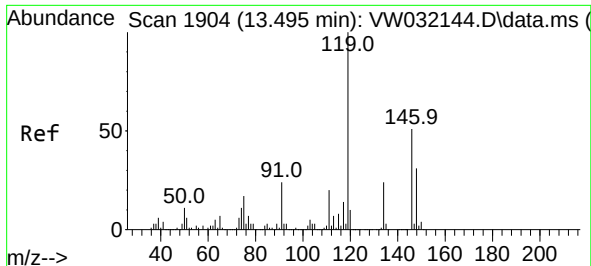
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.6

91 25.5 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.575 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032206.D

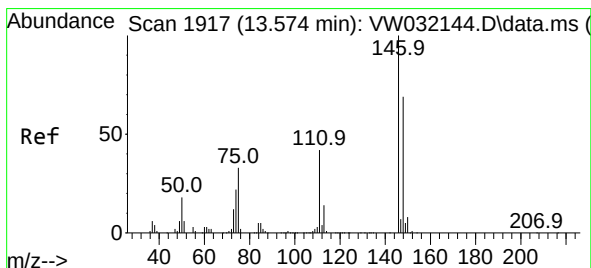
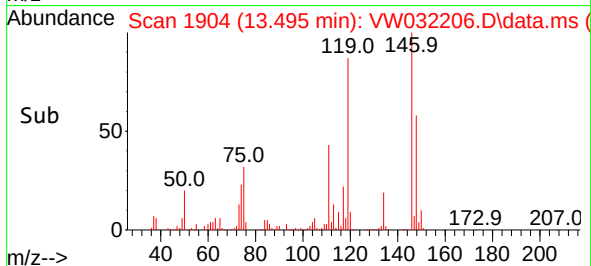
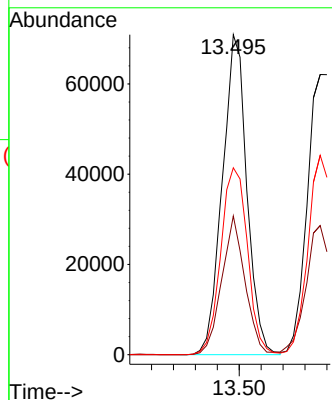
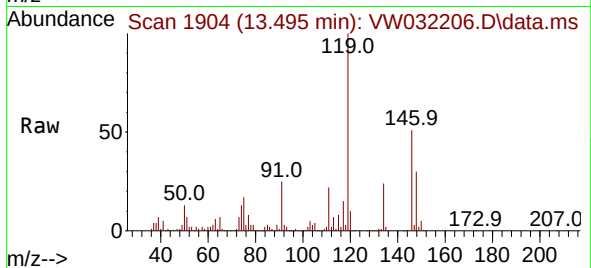
Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	110262
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.6	61.9
148	63.7	30.6	92.0



#88

1,4-Dichlorobenzene

Concen: 19.869 ug/l

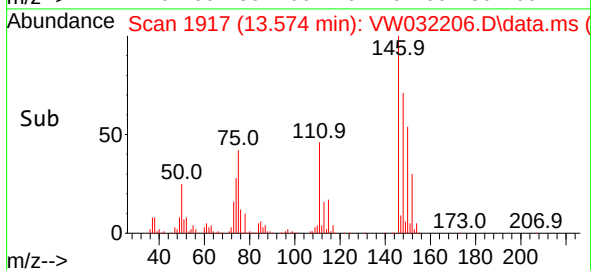
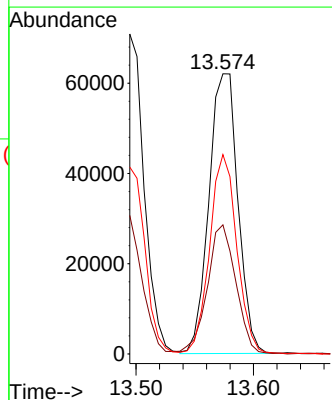
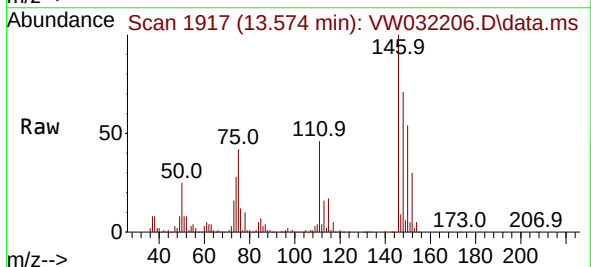
RT: 13.574 min Scan# 1917

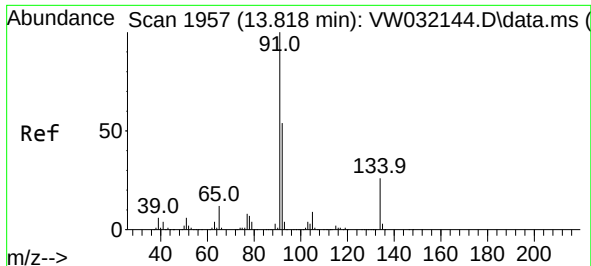
Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Tgt Ion:	146	Resp:	106729
Ion Ratio	Lower	Upper	
146	100		
111	45.4	21.3	63.7
148	67.1	33.4	100.1

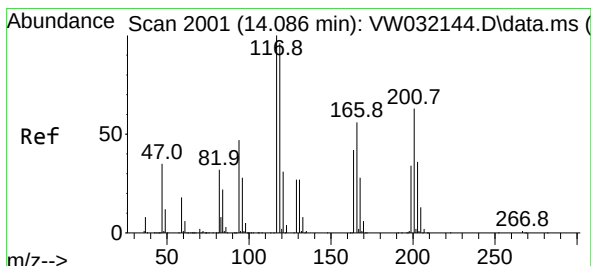
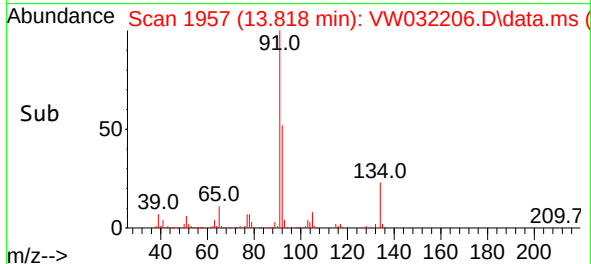
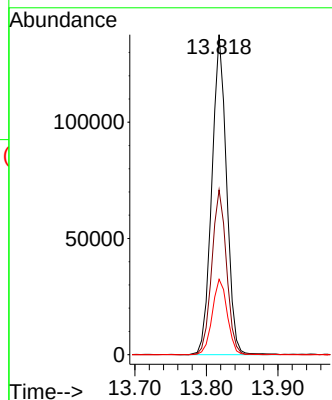
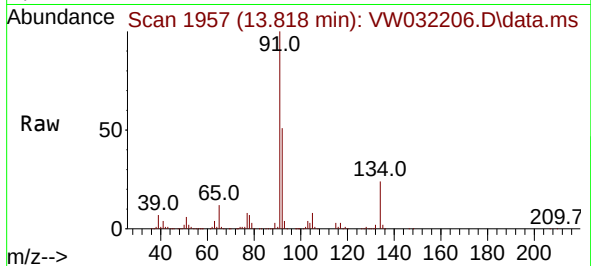




#89
n-Butylbenzene
Concen: 21.642 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

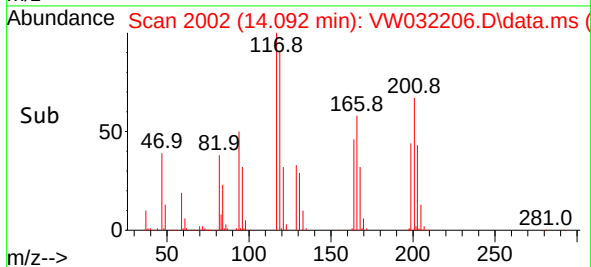
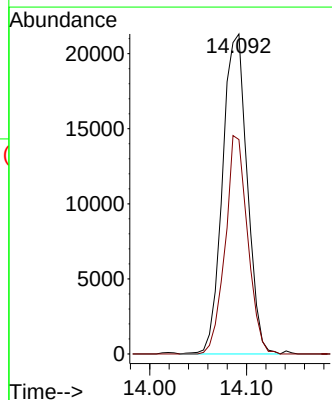
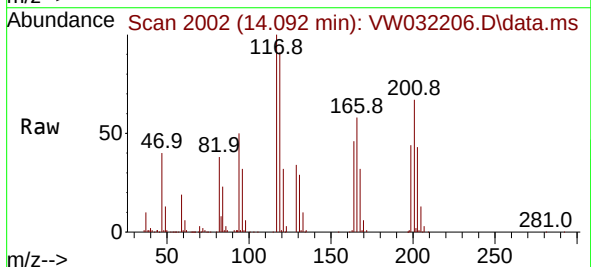
Instrument :
MSVOA_W
ClientSampleId :

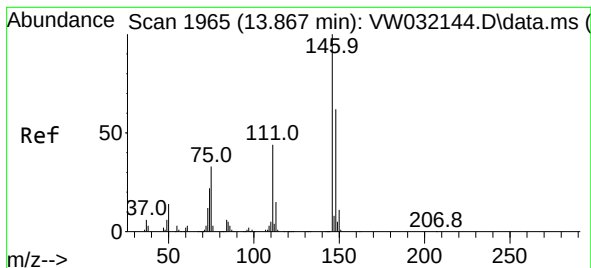
Tgt Ion: 91 Resp: 196287
Ion Ratio Lower Upper
91 100
92 51.8 27.0 81.0
134 24.1 13.1 39.3



#90
Hexachloroethane
Concen: 21.641 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032206.D
Acq: 19 Sep 2025 10:35

Tgt Ion: 117 Resp: 37657
Ion Ratio Lower Upper
117 100
201 62.1 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 20.366 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

ClientSampleId :

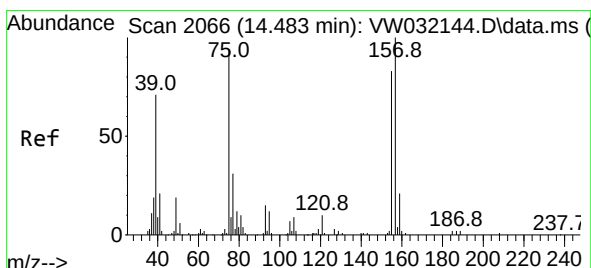
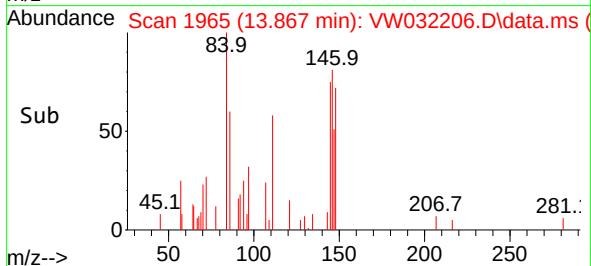
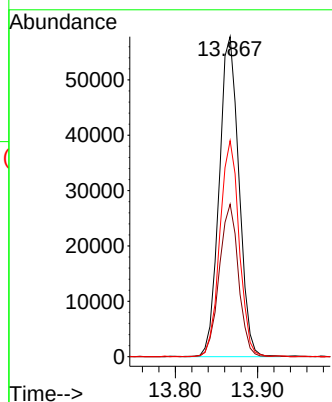
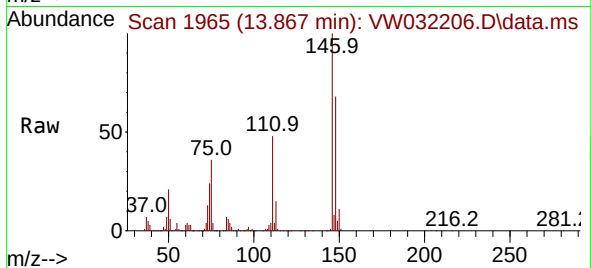
Tgt Ion:146 Resp: 96628

Ion Ratio Lower Upper

146 100

111 46.3 23.4 70.0

148 66.2 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.752 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

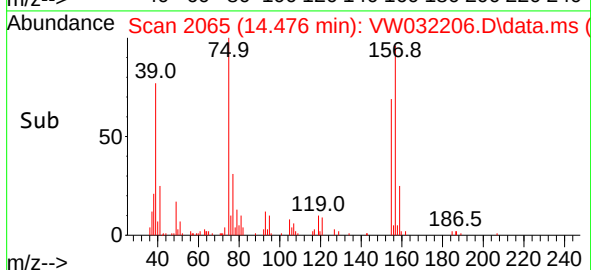
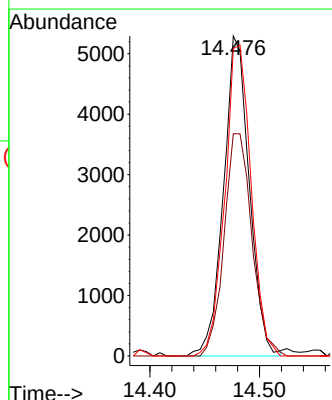
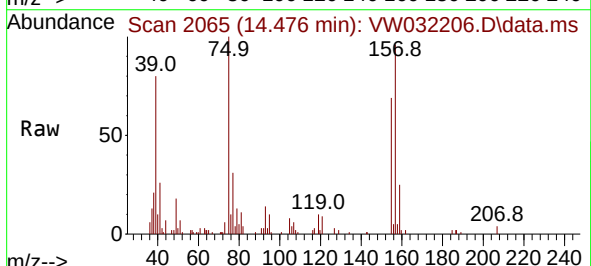
Tgt Ion: 75 Resp: 8655

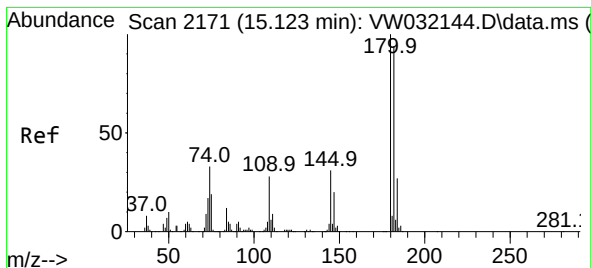
Ion Ratio Lower Upper

75 100

155 74.9 40.8 122.5

157 99.1 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 19.116 ug/l

RT: 15.128 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

ClientSampleId :

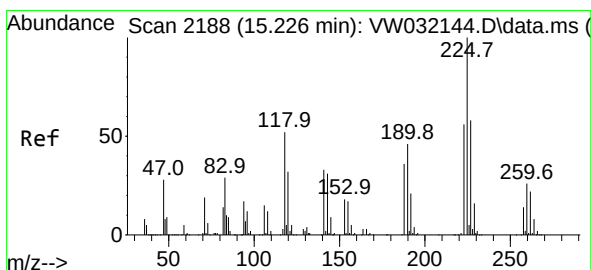
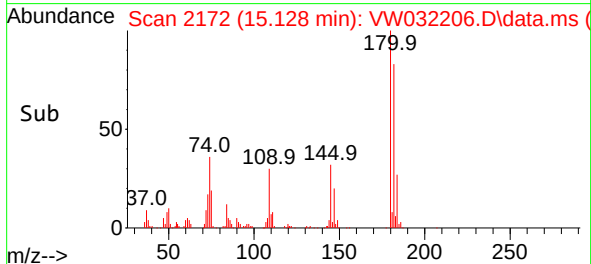
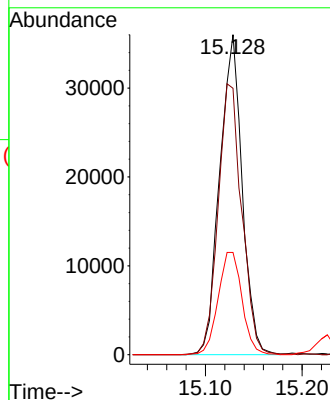
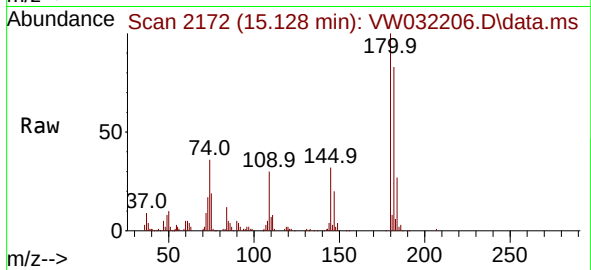
Tgt Ion:180 Resp: 57948

Ion Ratio Lower Upper

180 100

182 89.3 47.4 142.2

145 34.1 16.4 49.1



#94

Hexachlorobutadiene

Concen: 18.789 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

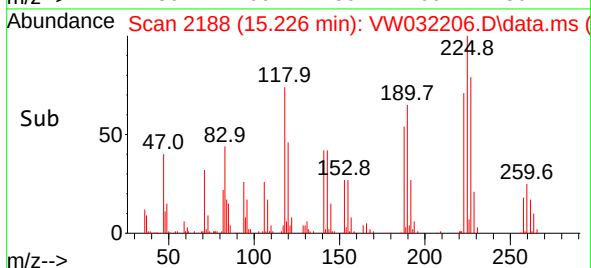
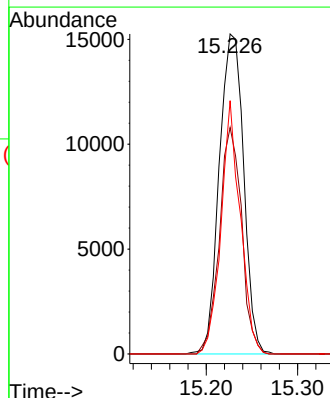
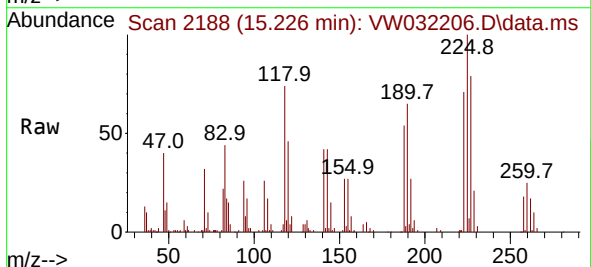
Tgt Ion:225 Resp: 28248

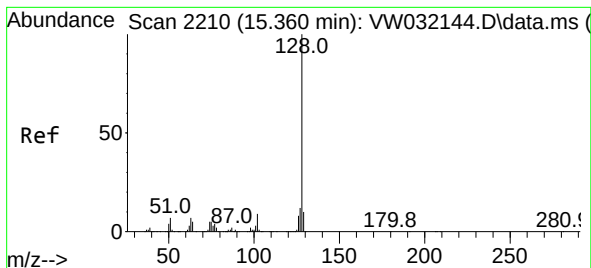
Ion Ratio Lower Upper

225 100

223 64.5 29.8 89.3

227 62.7 30.5 91.5





#95

Naphthalene

Concen: 18.333 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Instrument :

MSVOA_W

ClientSampleId :

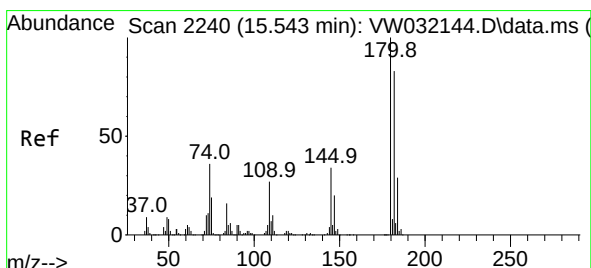
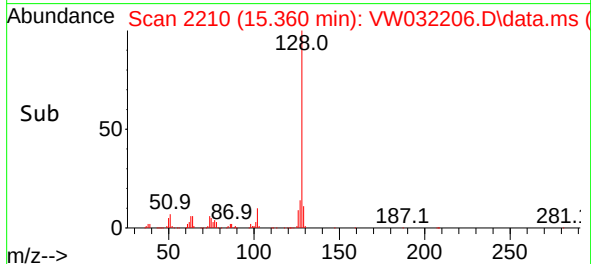
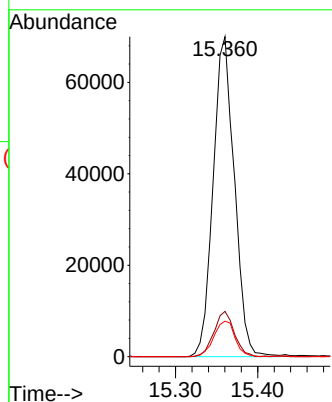
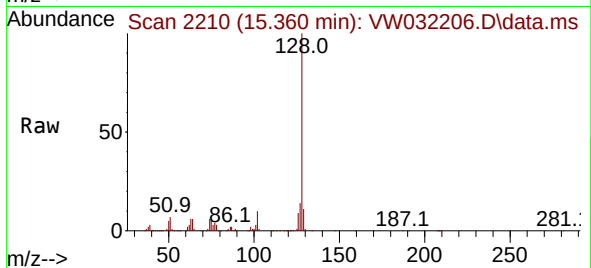
Tgt Ion:128 Resp: 125776

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.2 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.531 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032206.D

Acq: 19 Sep 2025 10:35

Tgt Ion:180 Resp: 55062

Ion Ratio Lower Upper

180 100

182 92.7 47.7 143.1

145 35.5 17.2 51.6

